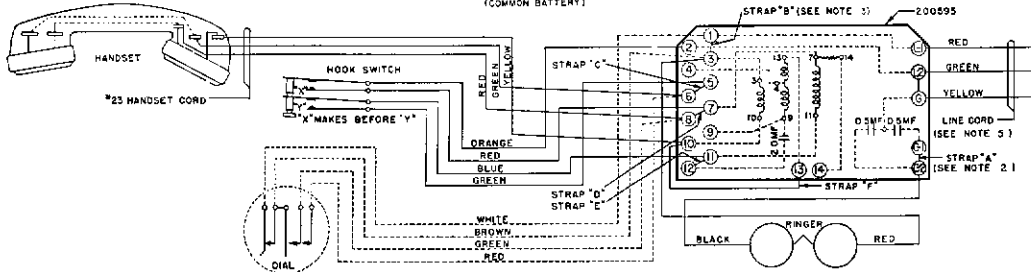
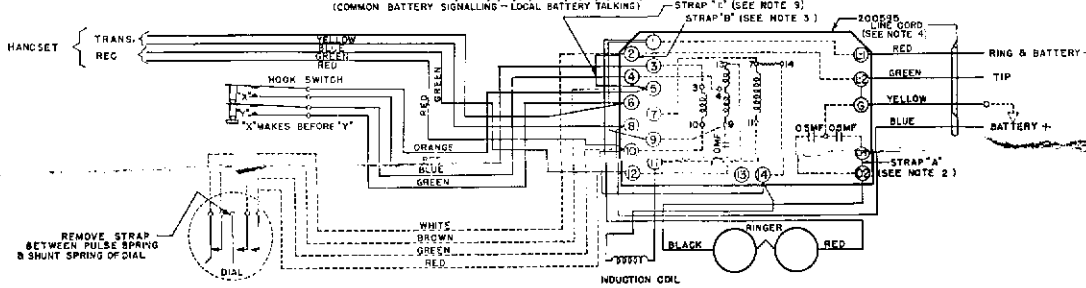


WIRING AND CONNECTIONS FOR BRIDGED RINGING FOR 1243 AND 1250 TELEPHONES.
 RINGER CODES A,S,E,F,G,H,N,K,L,M,P,R,I,J.
 (COMMON BATTERY)



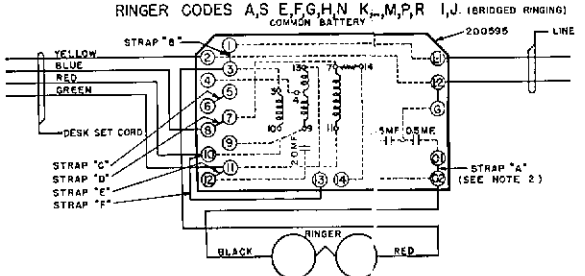
- NOTES**
- 1 IN BRIDGED RINGING, WHERE IT IS NECESSARY TO PREVENT TALKING ON NO. 6 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY CONNECTION TO L-2 AND BIAS SPRING TENSION ADJUSTED AS SHOWN IN FIG. 1.
 - 2 WHEN NO 615 RINGER IS USED, REMOVE STRAP "A".
 - 3 TO CONVERT FROM MANUAL TO DIAL TYPE, REMOVE STRAP "A", DIAL CABLE AS SHOWN BY DOTTED LINES IF A DIAL WITHIN USED, ORDER JNL 35841 CABLE FROM STROMBERG CARLSON.
 - 4 TO CONVERT TO 247 OBTAIN 200604 INDUCTION COIL AND WIRE REVERSE PER CIRCUIT 2-T-15 TELEPHONE MAN IN USE 1 IN IN 1243 TELEPHONE (HUMAN PACKAGE ASSEMBLY 20355) AND REVERSE PER CIRCUIT 1-T-15 TELEPHONE MAN IN USE 1 IN 1250 TELEPHONE (HUMAN PACKAGE ASSEMBLY 20355) INDUCTION COIL IS NOT TO BE GROUND IN BRIDGED RINGING.
 - 5 YELLOW CONDUCTOR IS NOT TO BE GROUND IN BRIDGED RINGING.
 - 6 ON SHORT LOOPS (ABOUT 200" DC RES OR LESS) FOR REDUCED RINGING, CONNECT STRAP "B" BETWEEN 4 AND 9 AND "F" BETWEEN 11 AND 12 AND CONNECT RED OF HOOKSWITCH TO 9 AND BLUE OF HOOKSWITCH TO 11.
 - 7 INSTRUCTIONS FOR CONVERSION TO TWO-STEP HOOKSWITCH OPERATION ARE SHOWN IN INSTRUCTIONS FOR USE OF WE 4H OR 5H DIAL.
 - 8 CONNECT BLUE OF HOOKSWITCH TO 11.
 - 9 CONNECT ORANGE OF HOOKSWITCH TO 11 LEAVE ON 6, IF WE DIAL.
 - 10 CONNECT YELLOW OF HOOKSWITCH TO 5.
 - 11 CONNECT RED OF DIAL TO 11, IF STANDARD DIAL IS USED.
 - 12 INSTRUCTIONS FOR USE OF WE 4H OR 5H DIAL ARE SHOWN IN INSTRUCTIONS FOR USE OF WE 4H OR 5H DIAL.
 - 13 REMOVE STRAP 3 TO 5.
 - 14 CONNECT BROWN ON DIAL TO 8.
 - 15 CONNECT RED ON DIAL TO 5 OR TO 11, IF TWO-STEP HOOKSWITCH OPERATION IS USED.
 - 16 CONNECT RED ON DIAL TO 8.
 - 17 CONNECT BROWN ON DIAL TO 3.
 - 18 CONNECT Y ON DIAL TO 1.
 - 19 WHEN NOTE 6 IS USED, CONNECTIONS SPECIFIED TO TERMINALS IN NOTES 7 AND 9, SHOULD BE MADE TO TERMINALS 11 AND 12.

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)

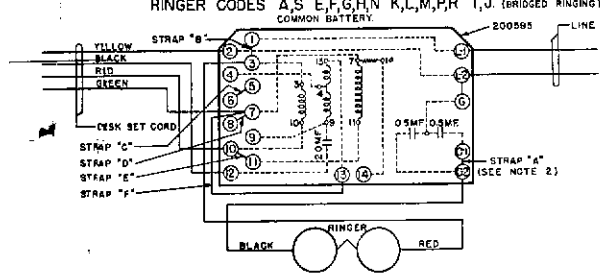


- NOTES**
- 1 IN BRIDGED RINGING, WHERE IT IS NECESSARY TO PREVENT TALKING ON NO. 6 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY CONNECTION TO L-2 AND BIAS SPRING TENSION ADJUSTED AS SHOWN IN FIG. 1.
 - 2 WHEN NO 615 RINGER IS USED, REMOVE STRAP "A".
 - 3 TO CONVERT FROM MANUAL TO DIAL TYPE, REMOVE STRAP "A", DIAL CABLE AS SHOWN BY DOTTED LINES IF A DIAL WITHIN USED, ORDER JNL 35841 CABLE FROM STROMBERG CARLSON.
 - 4 YELLOW OF LINE CORD IS NOT TO BE GROUND IN BRIDGED RINGING.
 - 5 FOR REDUCED RINGING, CONNECT STRAP "B" BETWEEN 4 AND 9 AND "F" BETWEEN 11 AND 12 AND CONNECT RED OF HOOKSWITCH TO 9 AND BLUE OF HOOKSWITCH TO 11.
 - 6 TO CONVERT TO 1243 OBTAIN 200604 INDUCTION COIL AND WIRE REVERSE PER CIRCUIT 1-T-15 TELEPHONE MAN IN USE 1 IN 1243 TELEPHONE (HUMAN PACKAGE ASSEMBLY 20355) INDUCTION COIL IS NOT TO BE GROUND IN BRIDGED RINGING.
 - 7 TWO-STEP HOOKSWITCH OPERATION IS USED WITHOUT DIAL.
 - 8 REMOVE STRAP 3 TO 5.
 - 9 REMOVE STRAP 5 TO 11.
 - 10 CONNECT BROWN ON DIAL TO 8.
 - 11 CONNECT RED ON DIAL TO 5 OR TO 11, IF TWO-STEP HOOKSWITCH OPERATION IS USED.
 - 12 CONNECT RED ON DIAL TO 8.
 - 13 CONNECT BROWN ON DIAL TO 3.
 - 14 CONNECT Y ON DIAL TO 1.
 - 15 WHEN NOTE 6 IS USED, CONNECTIONS SPECIFIED TO TERMINALS IN NOTES 7 AND 9, SHOULD BE MADE TO TERMINALS 11 AND 12.

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)
 COMMON BATTERY

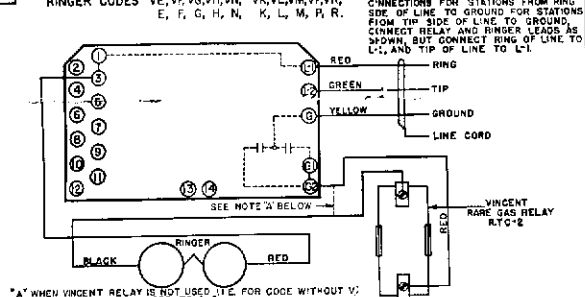


WIRING AND CONNECTIONS FOR 1260 DESK SET BOX WHEN USED WITH W.E. DESK SETS USING 4 COND. CORD.
 RINGER CODES A,S,E,F,G,H,N,K,L,M,P,R,I,J. (BRIDGED RINGING)
 COMMON BATTERY

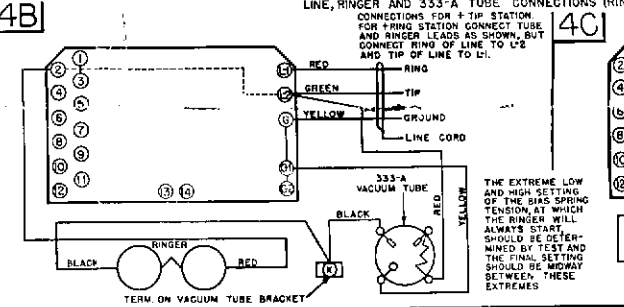


- NOTES**
- 1 IN BRIDGED RINGING, WHERE IT IS NECESSARY TO PREVENT TALKING ON NO. 6 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY CONNECTION TO L-2 AND BIAS SPRING TENSION ADJUSTED AS SHOWN IN FIG. 1.
 - 2 WHEN NO 615 RINGER IS USED, REMOVE STRAP "A".
 - 3 THIS TELEPHONE MAY BE ADAPTED FOR ANY OF THE OTHER TYPES OF SERVICE SHOWN ON THIS DIAGRAM.
 - 4 S-C DESK SET ON SHORT LOOPS (ABOUT 200" DC RES OR LESS) FOR REDUCED RINGING, CONNECT STRAP "B" BETWEEN 4 AND 9 AND "F" BETWEEN 11 AND 12 AND CONNECT RED OF DESK SET CORD TO 4.
 - 5 W.E. DESK SET ON SHORT LOOPS (ABOUT 200" DC RES OR LESS) FOR REDUCED RINGING, CONNECT STRAP "B" BETWEEN 4 AND 9 AND "F" BETWEEN 11 AND 12 AND CONNECT RED OF DESK SET CORD TO 4 AND BLACK ON CORD TO 11.

LINE RINGER AND VINCENT RARE GAS RELAY CONNECTIONS.
 RINGER CODES V,E,F,G,H,N,K,L,M,P,R,I,J.
 (BRIDGED RINGING)

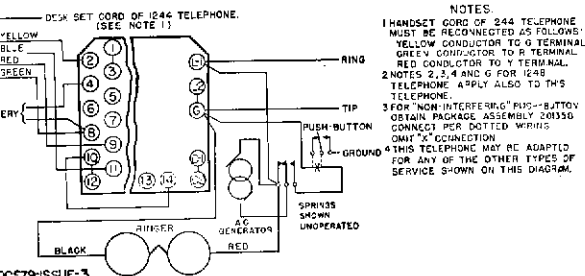


DIVIDED CIRCUIT RINGING CONNECTIONS FOR 1243, 1247, 1250 & 1260 TELEPHONES.



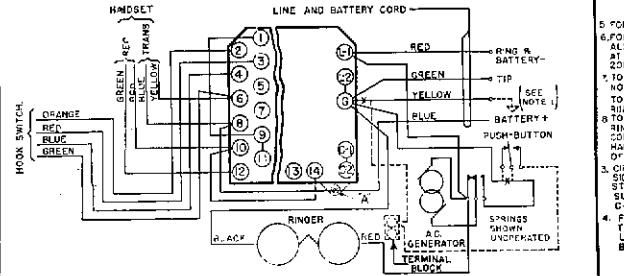
- NOTES**
- 1 IN BRIDGED RINGING, WHERE IT IS NECESSARY TO PREVENT TALKING ON NO. 6 TYPE RINGERS WHILE DIALING, POSITIVE BATTERY CONNECTION TO L-2 AND BIAS SPRING TENSION ADJUSTED AS SHOWN IN FIG. 1.
 - 2 WHEN NO 615 RINGER IS USED, REMOVE STRAP "A".
 - 3 THIS TELEPHONE MAY BE ADAPTED FOR ANY OF THE OTHER TYPES OF SERVICE SHOWN ON THIS DIAGRAM.
 - 4 S-C DESK SET ON SHORT LOOPS (ABOUT 200" DC RES OR LESS) FOR REDUCED RINGING, CONNECT STRAP "B" BETWEEN 4 AND 9 AND "F" BETWEEN 11 AND 12 AND CONNECT RED OF DESK SET CORD TO 4.
 - 5 W.E. DESK SET ON SHORT LOOPS (ABOUT 200" DC RES OR LESS) FOR REDUCED RINGING, CONNECT STRAP "B" BETWEEN 4 AND 9 AND "F" BETWEEN 11 AND 12 AND CONNECT RED OF DESK SET CORD TO 4 AND BLACK ON CORD TO 11.

1268 MAGNETO DESK SET BOX USED WITH 1244 DESK SET



- NOTES**
- 1 HANDSET CORD OF 244 TELEPHONE MUST BE RECONNECTED AS FOLLOWS: YELLOW CONDUCTOR TO 6 TERMINAL GREEN CONDUCTOR TO 7 TERMINAL RED CONDUCTOR TO 7 TERMINAL
 - 2 NOTES 2, 3, 4 AND 6 FOR 1248 TELEPHONE APPLY ALSO TO THIS TELEPHONE.
 - 3 FOR "NON-INTERFERING" PUSH-BUTTON OBTAIN PACKAGE ASSEMBLY 203550 CONNECT PER DOTTED WIRING ONLY "X" CONNECTION
 - 4 THIS TELEPHONE MAY BE ADAPTED FOR ANY OF THE OTHER TYPES OF SERVICE SHOWN ON THIS DIAGRAM.

WIRING AND CONNECTIONS FOR BRIDGED RINGING FOR 1248 & 1258 TELEPHONES (MAGNETO)



- NOTES**
- 1 Y.E. LOW OF LINE CORD IS NOT TO BE GROUND, EXCEPT WHEN NOTE 2.
 - 2 FOR REDUCED SIDETONE ON LONG NON-LOADED CABLE LOOPS, OBTAIN STRAP CONNECT A 20358 ASSEMBLY BETWEEN TERMINALS 7 AND 10.
 - 3 FOR "NON-INTERFERING" PUSH-BUTTON REFERENCE DIAL BLOCK WITH COVER ALSO INSTALL 20358 TERMINAL BLOCK MOUNT UNDER MOUNTING SCREWS AT "A" THESE (WITH 2 CONNECTING WIRES) MAY BE OBTAINED IN PACKAGE 203530 CONNECT PER DOTTED WIRING, OMITTING "X" CONNECTIONS.
 - 4 TO USE TWO-STEP HOOKSWITCH OPERATION, BEND TAB ON NAME PLATE. NO CIRCUIT CHANGE IS REQUIRED.
 - 5 TO CONVERT TO 1243, REMOVE SUB-BASE AND GENERATOR, REMOVE 2H RINGER AND REVERSE PER CIRCUIT.
 - 6 TO CONVERT TO 1247, REMOVE SUB-BASE AND GENERATOR, REMOVE 2H RINGER AND REVERSE PER CIRCUIT.
 - 7 CONNECT BLUE CONDUCTOR OF HANDSET ON SAME TERMINAL AS RED OR HANSET BLUE CONDUCTOR OF LINE CORD MAY BE PLACED ON TERMINALS OF THE OTHER LINE CORD CONDUCTORS.
 - 8 CIRCUIT IS SHOWN WITHOUT "SURE-RING" CONDUCTOR THIS GIVES BEST SIDETONE BALANCE. IF "SURE-RING" CONDUCTOR IS USED, CONNECT RED OF STRAP FROM 11 TO C-2. IF IMP DOES NOT GIVE SATISFACTORY SURE-RING SURFING MAY BE PROVIDED FOR BY STRAPPING AS ABOVE AND REDUCTION TO C-2.
 - 9 FOR HARMONIC RINGING (WITHOUT SURE-RING CONDUCTOR) RECONNECT RED OF L-2 TO C-2 INSTEAD OF TO 11 FOR HARMONIC RINGING AND SURE-RING WIRE BLACK OF RINGER TO C-1 INSTEAD OF TO 6.