

**BELL SYSTEM PRACTICES**  
**Station Installation and Maintenance**

**ADDENDUM C32.505**  
**Issue 1, 5-31-46**  
**AT&T Co Provisional**

**TELEPHONE SETS**  
**NORTH ELECTRIC**

**1. GENERAL**

1.01 This addendum supplements Section C32.505, Issue 1 to include improved connections for North Electric sets and to specify that the sets should not be used on grounded ringing lines in central office areas employing manual ringing.

1.02 Paragraphs 3.01 and 3.02 of Section C32.505 are replaced by Paragraphs 3.01 and 3.02 herein which give improved connections for North Electric sets, and the code for sets with these connections is given in Paragraph 1.03. A note is added to Paragraph 2.01 of the Section.

1.03 Change the first sentence of Paragraph 1.03 to read as follows:

In connection with ordering information or reporting equipment installed these telephone sets are coded N.E.5H6SLD.

**2. DESCRIPTION**

Add the following note after Paragraph 2.01:

Note: The North Electric ringer is subject to cross-ringing when connected to a grounded ringing line and manual ringing (manual operation of a ringing key) is employed to operate ringers on the line. The set should, therefore, not generally be used on grounded ringing lines in central office areas employing manual ringing. Where customer complaints of cross-ring at existing installations are received, the set should be replaced with a standard 302 type telephone set or equivalent.

**3. CONNECTIONS**

3.01 The connections for North Electric telephone sets are shown in Fig. 1 herein which replaces Fig. 1 of the section. The new connections should be provided for all new installations, reinstallations and additions of dials to the sets. Likewise whenever customer complaints of dial or switch clicks

at existing installations are received or repairs are made which require reconnections at set terminals, such as hand set, dial or cord replacements, the set connections should if necessary be changed to conform with those shown herein. These changes include the following:

- (1) Remove black condenser lead from L2Y of induction coil and connect it to Terminal 4 on terminal block.
- (2) Transfer green lead from L2Y to GN on induction coil.
- (3) Remove green-white lead from Terminal 3 of terminal block and connect it to L2Y of induction coil.
- (4) Remove black lead from L1 of induction coil and connect it to Terminal 3 on terminal block.
- (5) Transfer black conductor of hand set cord from Terminal 2 to Terminal 3 on terminal block.
- (6) Where a dial is added, transfer connections on apparatus blank to dial.

New and repaired sets with the improved connections may be identified by the code 5H6SLD stamped on the underside of the base.

Note: If the free length of the white conductor of the hand set cord is too short to permit terminating this conductor at the W terminal of the dial, replace the cord with H3C-9 or equivalent cord.

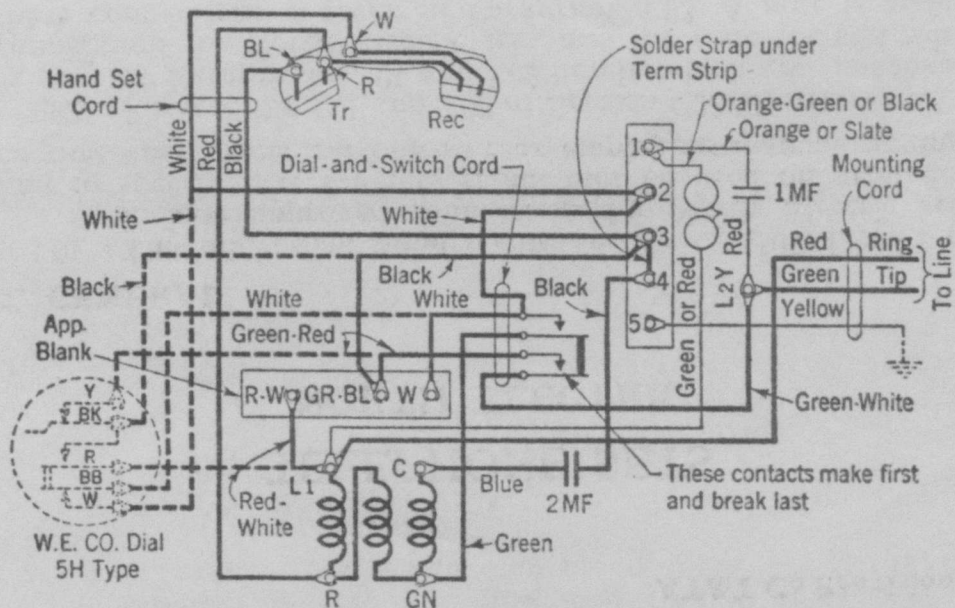


Fig. 1

3.02 The diagram in Fig. 1 shows the line and ringer connections are for bridged ringing lines. Line and ringer connections for bridged and grounded ringing lines of the classes of service for which the set is used are given in Table 1.

**Table 1**

<u>Connections</u>	<u>Ringer Leads</u>		<u>Mtg. Cord</u>		
	<u>OR-GN</u>	<u>GN</u>	<u>R</u>	<u>GN</u>	<u>Y</u>
Bridged	1	L1	L1	L2Y	5
*Ring Party	5	1	L2Y	L1	5
*Tip Party	1	5	L1	L2Y	5

\*See note, Paragraph 2.01

Note: If bell tapping is encountered, try reversing the ringer leads disregarding the above table. If bell still taps, replace the set.