

TRENDLINE, PUSHBUTTON DIAL, WALL TELEPHONES

GENERAL DESCRIPTION

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1. GENERAL DESCRIPTION

1.01 This document covers the Trendline, pushbutton dial, wall telephones. (See Figure 1.) A general description plus information peculiar to Trendline, pushbutton dial, wall telephones is included.

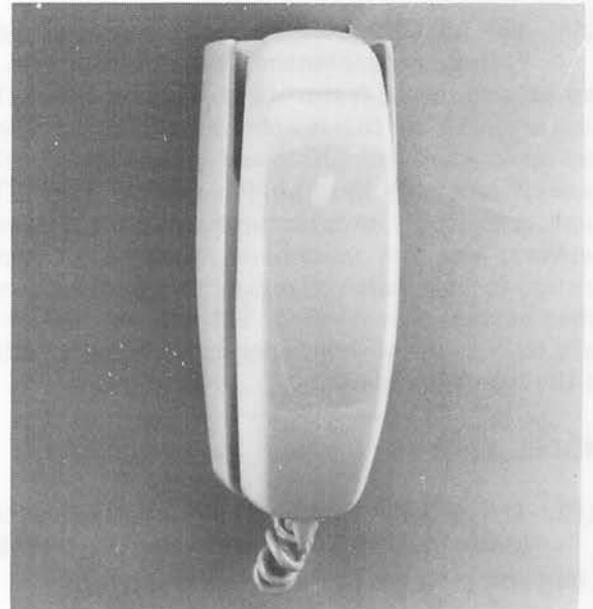
1.02 This section is reissued to delete the ordering information for the Trendline, pushbutton dial, wall telephones. The descriptive information has been retained as a reference for telephones still in service, although this telephone has been manufacturing discontinued.

1.03 A replacement parts list and an exploded-view drawing for the telephones are contained in Section 50-254-104. The circuit labels appear in Section 50-254-105. Related documents of the CORTELCO Telephone Apparatus Practices Manual provide information on components.

1.04 The Model 2254 wall telephones are Trendline, pushbutton dial, anti-sidetone units that operate efficiently over a wide range of loop resistances and line impedances.

1.05 The Model 2254 wall telephones are identified by a code number stamped in ink on the bottom of the base.

1.06 Trendline wall telephones are nonmodular, quarter-modular, or full-modular versions. These versions are designated by a code letter in the telephone code number.



AWB2-464

Figure 1: Trendline, Pushbutton Dial, Wall Telephone

1.07 Nonmodular version telephones include a modular handset cord. It is required that a line cord be hard-wired to the terminals provided in the telephone. This version is designated by the code letter O.

1.08 Quarter-modular version telephones include a modular handset cord and a modular plug as part of the base assembly. This version is designated by the code letter Q.

1.09 Full-modular version telephones are available with or without a modular handset cord. However, all full-modular telephones are equipped with jacks to accept the plugs of a modular handset cord, and a modular plug is provided as part of the base assembly for inserting into a modular wall jack. The full-modular version of the telephone without a modular handset cord is designated by the code letter F. The full-modular version of the telephone with a modular handset cord, terminated on each end with modular plugs, is designated by the code letter M.

1.10 The Model 2254 wall telephones are described in the following paragraphs. The circuit

SECTION 50-254-103, ISS 2

labels for these telephones are contained in Section 50-254-105.

MODEL 2254** () 30

1.11 The Model 2254** () 30 is a single-line, Trendline, pushbutton dial, wall telephone. It provides no special features and is nonmodular. The base assembly for this telephone includes the ringer and hookswitch assemblies and is connected to the handset assembly by a plug-in handset cord. The handset assembly includes the transmitter, receiver, network, and dial assemblies. An operator recall button, located below the dial, provides dial tone when momentarily pressed. This allows a series of calls to be made without operating the hookswitch in the telephone base.

MODEL 2254** () 20

1.12 The Model 2254** () 20 is the same as the Model 2254** () 30 except it provides a modular plug for installation.

MODEL 2254** () 21

1.13 The Model 2254** () 21 is the same as the Model 2254** () 20 except it is equipped with a 9-foot handset cord.

2. INSTALLATION

2.01 Installation of the full-modular versions of these telephones consists of inserting the modular line cord plug into an available modular wall jack. Refer to the appropriate circuit label for installation wiring of nonmodular version telephones.

2.02 A lamp may be added to Trendline telephones for illuminating the dial and number card. The lamp must be ordered separately. Installation consists of inserting the lamp into the lamp housing located in the handset under the number card retainer. A power transformer must be ordered and installed at the station connecting block as shown in Figure 2. Refer to Section 50-254-104 for lamp and power transformer ordering information.

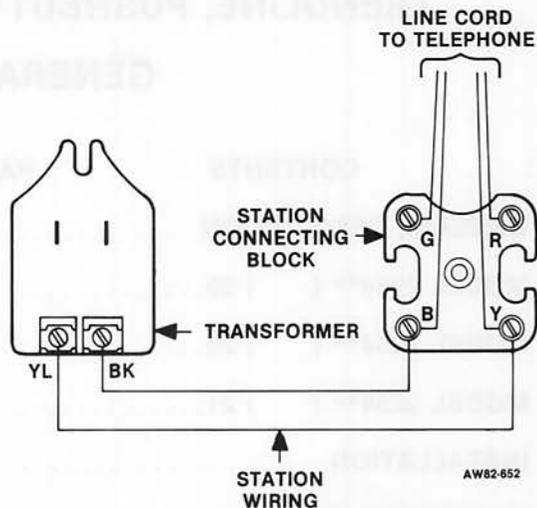


Figure 2: Installation Of Power Transformer

Caution: Care must be taken when installing the housing to the base on Model 2254 wall telephones. Hold the hookswitch plunger up as shown in Figure 3 to avoid damaging the hookswitch.

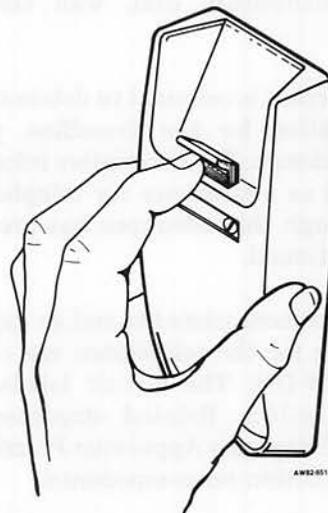


Figure 3: Installing The Housing On The Base

3. MAINTENANCE

3.01 For replacement parts information and for an exploded-view drawing of major assembly groups, refer to Section 50-254-104.