

# SINGLE-LINE, PUSHBUTTON DIAL, WALL TELEPHONES (MINIATURE SIZE) REPLACEMENT PARTS

## 1. GENERAL

**1.01** This document covers the single-line, pushbutton dial, miniature size, wall telephone. (See Figure 1.) An exploded-view drawing of the telephone with the major assembly groups (see Figure 2) and a replacement parts list (see Table A) are included.

**1.02** This section is reissued for the following reasons:

(a) Issue 3 adds feature code 44, as well as feature codes 20 or 27 with the Tel-Flash (F) or Metropolitan (M) dial, to the full-modular (M) version of the single-line, pushbutton dial, miniature size, wall telephone. Quarter-modular (Q) and full-modular (F) versions of the single-line, pushbutton dial, miniature size, wall telephones have been manufacturing discontinued as well as the following:

- (1) Feature code 34 telephones.
- (2) Color codes 05, 12, 43, and 46.
- (3) Regular (R) dial telephones.
- (4) Tel-Pulse (T) dial telephones.

(b) Issue 2 corrected errors in the initial issue.

*Note:* Selected information for manufacturing discontinued telephones has been retained as a reference for telephones still in service.

**1.03** For additional information on description and installation of the telephones, refer to Section 50-554-106. The circuit labels appear in Section 50-554-108. Related documents of the CORTELCO Telephone Apparatus Practices Manual provide information on components.

**1.04** The Model 2554 wall telephones are single-line, pushbutton dial, anti-sidetone type units that operate efficiently over a wide range of loop resistances and line impedances.

**1.05** The Model 2554 wall telephones are identified by a coded label affixed to the bottom of the base plate. Refer to 50-554-106 of the CORTELCO Telephone Apparatus Practices Manual for ordering information of complete telephones and for an explanation of each code number.



**Figure 1: Single-Line, Pushbutton Dial, Wall Telephone**

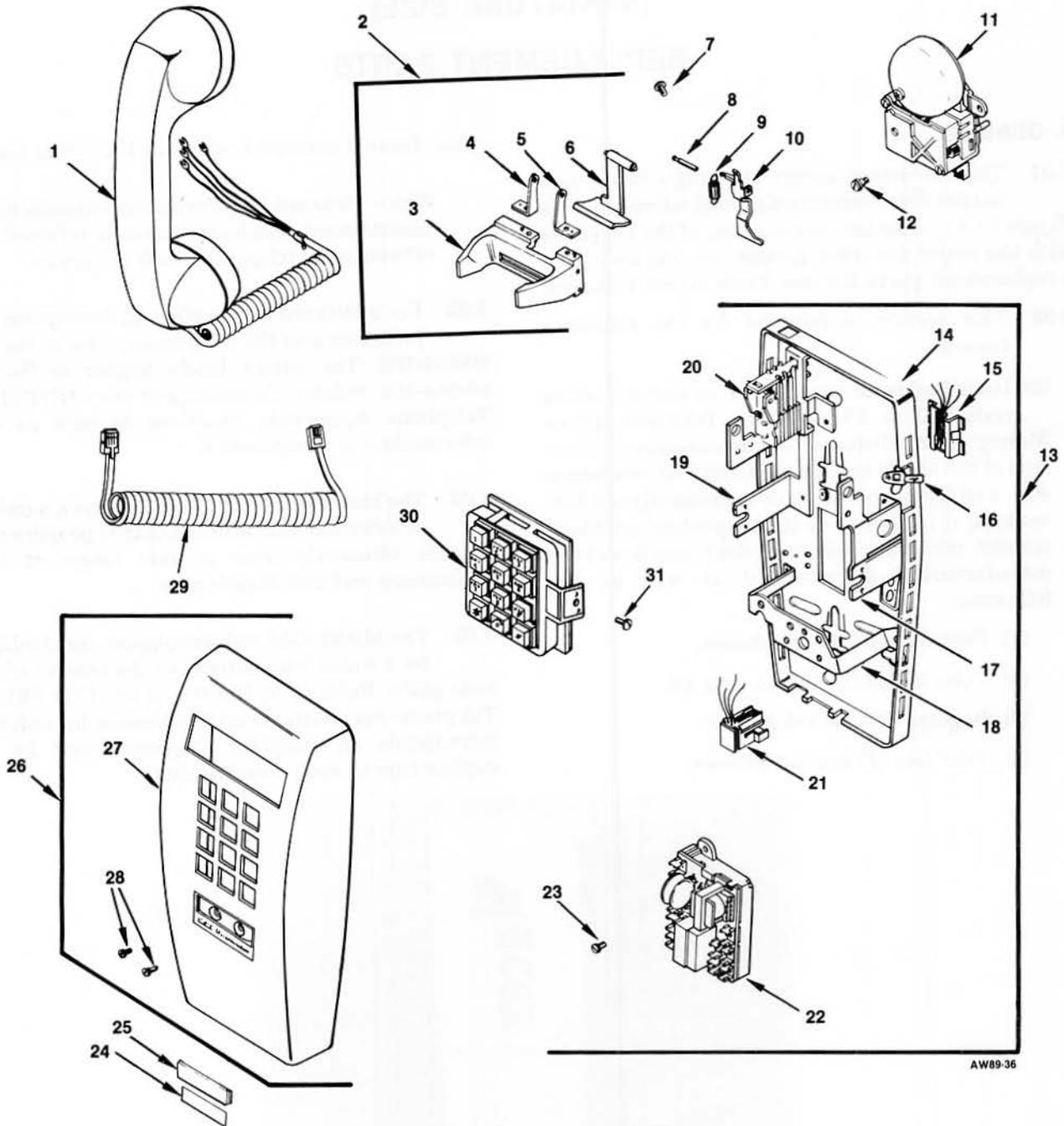


Figure 2: Single-Line, Pushbutton Dial, Wall Telephone, Exploded View

TABLE A  
REPLACEMENT PARTS LIST

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED							
			2554/20	2554/21	2554/24	2554/27	2554/30	2554/31	2554/34	2554/44
		Single-Line, Pushbutton Dial, Miniature Size, Wall Telephone								
1	0065**0C2	Handset Assembly, Nonmodular <sup>1</sup>	1	—	1	—	1	—	1	1
1	0065**0C3	Handset Assembly, Nonmodular With 9-Foot Cord <sup>1</sup>	—	1	—	—	—	1	—	—
1	0065**0M2	Handset Assembly, Modular <sup>1</sup>	1	1	1	1	—	—	—	1
2	187629-0**	Handset Cradle Assembly	1	—	1	1	1	1	1	1
3	185482-101	Cradle, Handset <sup>4</sup>	1	1	1	—	1	1	1	1
3	187629-0**	Cradle, Handset	1	—	1	1	1	1	1	1
4	088150-103	Bracket, Cradle Plunger (L. H.)	1	1	1	1	1	1	1	1
5	088159-104	Bracket, Cradle Plunger (R. H.)	1	1	1	1	1	1	1	1
6	088154-101	Plunger, Cradle Switch	1	1	1	1	1	1	1	1
7	096407-102	Screw, Handset Cradle <sup>4</sup>	2	2	2	—	2	2	2	2
7	185620-101	Screw, Handset Cradle	2	—	2	2	2	2	2	2
8	184389-101	Pin, Pivot	1	1	1	1	1	1	1	1
9	075307-102	Spring, Cradle Switch	1	1	1	1	1	1	1	1
10	184386-101	Arm, Lever	1	1	1	1	1	1	1	1
11	000148-ABA	Ringer, 2-Wire (Less ANI) <sup>1, 4</sup>	1	1	1	1	1	1	1	1
11	000148-NBA	Ringer, 4-Wire (With ANI) <sup>1</sup>	1	1	1	1	1	1	1	1
11	000148-SBA	Ringer, 2-Wire (Less ANI) <sup>1, 4, 5</sup>	1	1	1	1	1	1	1	1
11	000148-PBA	Ringer, 2-Wire (Less ANI) <sup>1, 6</sup>	1	1	1	1	1	1	1	1
12	079485-102	Screw	2	—	—	2	—	—	—	—
13	182941-101	Base Assembly, Full-Modular	1	1	1	1	—	—	—	1
13	182941-103	Base Assembly, Nonmodular	—	—	—	—	1	1	1	1
13	182941-106	Base Assembly, Full-Modular	1	—	—	1	—	—	—	—
14	182871-101	Plate, Base	1	1	1	1	1	1	1	1
15	182948-101	Plug Assembly, Wall, Modular	1	1	1	1	—	—	—	1
16	182968-101	Lever, Volume Control	1	1	1	1	1	1	1	1
17	088158-101	Bracket, Dial (R. H.)	1	1	1	1	1	1	1	1
17	188654-101	Bracket, Dial (R. H.)	1	—	—	1	—	—	—	—
18	088156-101	Bracket, Terminal Board	1	1	1	1	1	1	1	1
18	088156-102	Bracket, Terminal Board	1	—	—	1	—	—	—	—
19	088157-101	Bracket, Dial (L. H.)	1	1	1	1	1	1	1	1
19	188653-101	Bracket, Dial (L. H.)	1	—	—	1	—	—	—	—
20	184392-101	Cradle Switch Assembly <sup>1, 4</sup>	—	1	1	—	1	1	1	1
	184391-101	Spring Nest Assembly (Not Shown)	1	1	1	1	1	1	1	1
21	182944-101	Jack Assembly, Handset Modular	1	1	1	1	—	—	—	1
22	183070-109	Network And Spacer Assembly	1	—	1	1	—	—	—	1
	182175-101	Spacer, Network (Not Shown) <sup>4</sup>	—	1	1	—	—	—	—	1
	182931-101	Spacer, Network (Not Shown) <sup>4</sup>	—	—	—	—	1	1	1	1
	181427-102	PC Network (#183070-102) Full-Modular (Not Shown) <sup>1, 4</sup>	1	1	1	—	—	—	—	1
	181427-107	PC Network (#183070-108) Nonmodular (Not Shown) <sup>1, 4</sup>	—	—	—	—	1	1	1	1
23	096407-103	Screw, Network Mounting	1	1	1	—	1	1	1	1
	190137-113	Rivet (Not Shown)	2	—	2	2	2	2	2	2
	190137-102	Rivet (Not Shown)	3	—	3	3	3	3	3	3
	095965-101	Fastener (Not Shown)	2	—	2	2	2	2	2	2
	190137-110	Rivet (Not Shown)	6	—	6	6	6	6	6	6
24	087513-101	Card, Number	1	1	1	1	1	1	1	1
	087513-102	Card, Number, Strip Of 6 (Not Shown) <sup>2</sup>	—	—	—	—	—	—	—	—
25	087514-101	Retainer, Number Card	1	1	1	1	1	1	1	1
26	181975-0**	Housing Assembly	—	—	1	—	—	—	1	—
26	182967-0**	Housing Assembly, Full-Modular <sup>4</sup>	—	1	—	—	—	—	—	1
26	182984-0**	Housing Assembly, Full-Modular	—	—	1	—	—	—	—	—
26	183164-0**	Housing Assembly	1	1	—	—	1	1	—	1
27	183163-0**	Housing	1	1	—	—	1	1	—	1
27	181974-0**	Housing	—	—	1	—	—	—	1	—
27	182966-0**	Housing, Full-Modular	1	1	—	—	—	—	—	1
27	183569-0**	Housing, Full-Modular	—	—	1	—	—	—	—	—

**TABLE A**  
**REPLACEMENT PARTS LIST (Cont)**

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED							
			2554/20	2554/21	2554/24	2554/27	2554/30	2554/31	2554/34	2554/44
		<b>Single-Line, Pushbutton Dial, Miniature Size, Wall Telephone</b>								
27	188660-0**	Housing, Full-Modular (With Cords)	1	—	—	—	—	—	—	—
27	187950-0**	Housing, Modular	1	—	—	—	—	—	—	—
27	188598-0**	Housing	1	—	—	—	—	—	—	—
	188652-0**	Housing And Lens Assembly (Not Shown)	1	—	—	1	—	—	—	—
	187659-0**	Housing, Full-Modular (With Cords) (Not Shown)	1	—	—	1	—	—	—	—
	188651-101	Lens (Not Shown)	1	—	—	1	—	—	—	—
	188112-0**	Housing Assembly (Not Shown)	—	—	—	1	—	—	—	—
	188113-101	Housing (Not Shown)	—	—	—	1	—	—	—	—
	187315-103	Lamp Assembly, Message Waiting (Not Shown)	—	—	—	1	—	—	—	—
	187315-101	Lamp Assembly, Message Waiting (Not Shown)	—	—	—	1	—	—	—	—
28	095992-102	Screw	2	2	2	2	2	2	2	2
29	9018**-072	Cord, Handset, Modular	1	—	1	—	—	—	—	—
	9018**-108	Cord, Handset, 9-Foot Modular (Not Shown)	1	1	1	1	—	—	—	1
30	004200-EPG	Dial Assembly, Pushbutton Digital, Metropolitan (Letters And Numerals) <sup>1</sup>	1	1	1	1	1	1	1	1
30	004200-EPD	Dial Assembly, Pushbutton Digital, Regular (Numerals Only) <sup>1, 3</sup>	1	—	1	—	1	1	1	1
30	004200-EPA	Dial Assembly, Pushbutton Digital, Tel-Touch <sup>1</sup>	1	—	—	—	1	—	—	—
30	003200-OPD	Dial Assembly, Pushbutton Tel-Touch, Regular (Numerals Only) <sup>1, 4</sup>	1	—	1	—	1	1	1	1
30	006300-OPG	Dial Assembly, Tel-Pulse, Metropolitan (Letters And Numerals) <sup>1</sup>	1	1	—	—	1	1	—	—
30	188478-101	Dial Assembly, Tel-Touch (Hold) <sup>1</sup>	1	—	—	—	—	—	—	—
30	188658-102	Dial Assembly, Pushbutton Digital, Metropolitan (Letters And Numerals) <sup>1</sup>	1	—	—	—	—	—	—	—
30	188658-101	Dial Assembly, Pushbutton Digital, Metropolitan, With Message Waiting (Letters And Numerals) <sup>1</sup>	1	—	—	1	—	—	—	—
	186268-103	Foam Tape (Not Shown)	1	—	—	—	—	—	—	—
	187995-101	PCB Assembly, Hold Circuit (Not Shown)	1	—	—	—	—	—	—	—
31	187891-101	Screw	2	—	—	2	—	—	—	—
	181971-103	Pushbutton, Grounding (Not Shown)	—	—	1	—	—	—	1	—

AW89-15

## Notes:

\*\* Substitute 2-Digit Color Code When Ordering.

<sup>1</sup> Refer To Components Parts Section Of This Manual For Assembly Parts List.<sup>2</sup> This product must be ordered separately.<sup>3</sup> The 004200-EPD Dial Replaces The 003200-OPD Dial.<sup>4</sup> This Product Has Been Manufacturing Discontinued, But Is Included As A Reference For Telephones Still In Service.<sup>5</sup> The 000148-SBA Ringer Replaces The 000148-ABA Ringer.<sup>6</sup> The 000148-PBA Ringer Replaces The 000148-SBA Ringer.