

20-BUTTON, PUSHBUTTON DIAL, DESK TELEPHONES

REPLACEMENT PARTS

1. GENERAL

1.01 This document covers the 20-button, pushbutton dial, desk telephone. (See Figure 1.) An exploded-view drawing of the telephone with major assembly groups (see Figure 2) and a replacement parts list (see Table A) are included.

1.02 This section is reissued to reflect changes in the 20-button, pushbutton dial, desk telephone and to incorporate the changes listed in the Telephone Apparatus Practices Change Notice, Section 11-510-100. Whenever this section is reissued, reason for reissue will be listed in this paragraph.

1.03 For additional information on description and installation of the telephones, refer to Section 50-831-103. The circuit labels appear in Section

50-831-105. Related documents of the ITT Telephone Apparatus Practices Manual provide information on components.

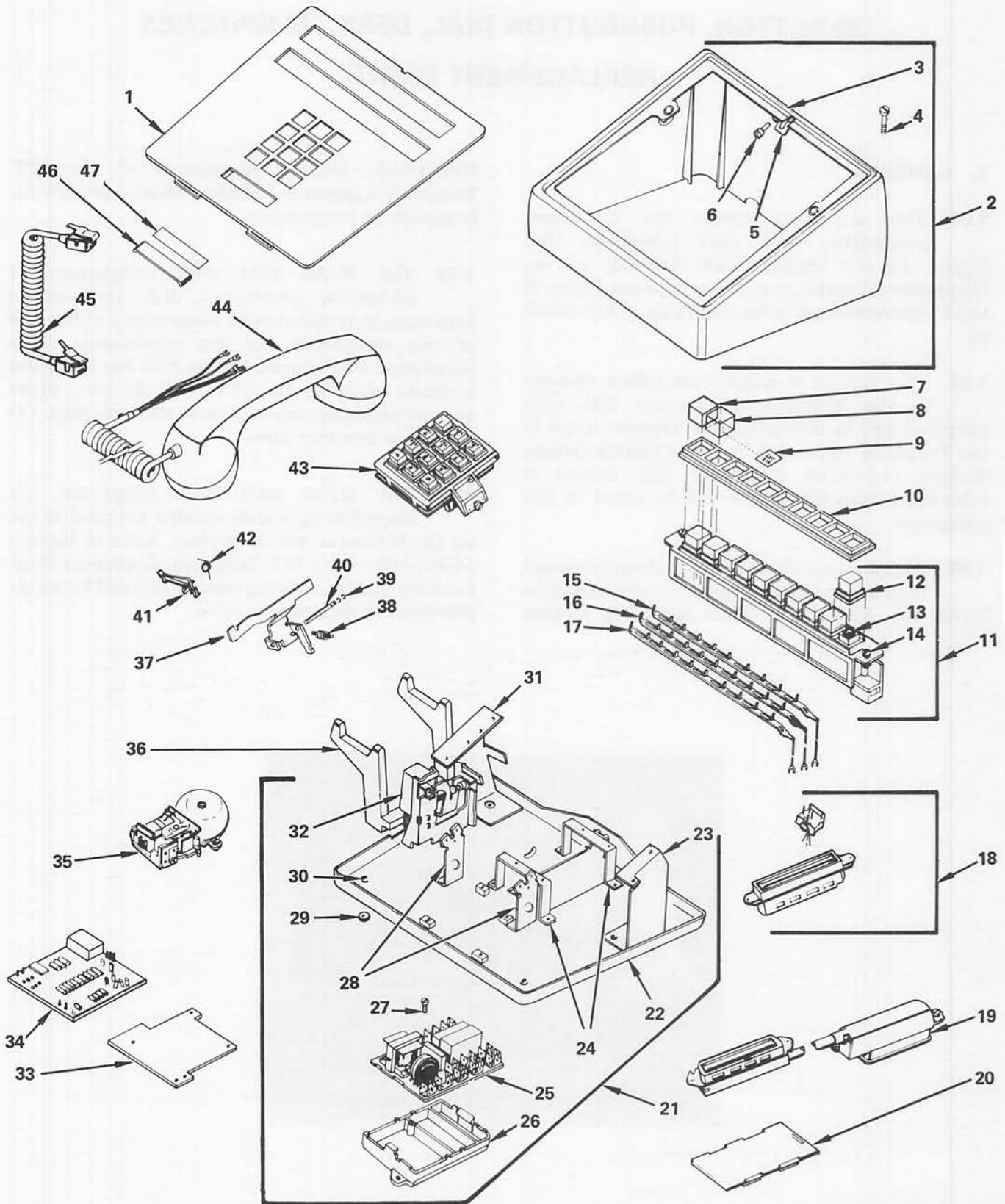
1.04 The Model 2831 desk telephones are 20-button, pushbutton dial, anti-sidetone type units that operate efficiently over a wide range of loop resistances and line impedances. These telephones are designed for use with key telephone systems, such as the ITT 1A2 System, where several telephones have access to the same lines, CO trunks, or intercom lines.

1.05 The Model 2831 desk telephones are identified by a code number stamped in ink on the bottom of the base plate. Refer to Section 50-831-103 of the ITT Telephone Apparatus Practices Manual for ordering information and for an explanation of each code number.



AW 82-368

Figure 1: 20-Button, Pushbutton Dial, Desk Telephone



AW 84-478

Figure 2: 20-Button, Pushbutton Dial, Desk Telephone, Exploded View

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TABLE A
REPLACEMENT PARTS LIST

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			2831/42	2831/46	2831/76
		20-Button, Pushbutton Dial, Desk Telephone			
1	181103-***	Faceplate	1	—	—
1	181686-***	Faceplate	—	1	1
2	181102-0**	Housing Assembly	1	1	1
2	187906-0**	Housing Assembly, Full-Modular	1	1	1
3	181104-0**	Housing	1	1	1
3	187922-0**	Housing, Full-Modular	1	1	1
4	095992-102	Screw, Housing	2	2	2
5	181100-101	Spring, Latch	1	1	1
6	181289-101	Screw, Latch Spring	1	1	1
7	181131-102	Cap, Red	1	1	1
8	181131-101	Cap, Clear	19	19	19
9	181281-101	Tab, Designation (Strip Of 12)	2	2	2
10	181287-101	Collar, Key Strip	2	2	2
11	181137-101	Key Assembly (9 Lines With Hold)	1	1	1
11	181137-102	Key Assembly (10 Lines)	1	1	—
11	182661-101	Key Assembly (10 Lines)	—	—	1
12	181122-101	Button	20	20	20
13	000051-00A	Lamp	19	19	19
14	095992-102	Screw	4	4	4
15	181292-101	Strip, Contact (GN Wire)	2	2	2
16	181292-102	Strip, Contact (RD Wire)	2	2	2
17	181292-105	Strip, Contact (SL Wire)	1	1	1
18	181154-101	Cord, Internal	1	1	1
18	181155-101	Cord, Internal	1	1	—
18	182662-101	Cord, Internal	—	—	1
19	184355-102	Cord, Mounting (100-Conductor)	1	1	1
20	181290-101	Slide	1	1	1
21	181250-102	Base Assembly	1	1	1
22	181141-101	Plate, Base	1	1	1
23	181253-101	Bracket, Key Right	1	1	1
24	181255-101	Bracket, Plug	2	2	2
25	181427-102	PC Network (# 183070-102) ¹	1	1	1
26	182175-101	Spacer, Network	1	1	1
27	096407-103	Screw, Network Mounting	1	1	1
28	181254-102	Bracket, Dial	2	2	2
29	182337-101	Foot	4	4	4
30	082486-102	Rivet, Foot	4	4	4
31	181150-102	Left Bracket Assembly	1	1	1
	185619-101	Left Trip Bracket Assembly	1	1	1
	181252-101	Bracket, Key Left	1	1	1
	185618-101	Bracket, Trip	1	1	1
32	181260-101	Cradle Switch Assembly ¹	1	1	1
33	181298-102	Terminal Board	1	1	1

TABLE A
REPLACEMENT PARTS LIST (Cont)

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			2831/42	2831/46	2831/76
		20-Button, Pushbutton Dial, Desk Telephone	2831/42	2831/46	2831/76
34	182386-101	PC Board (Exclusion)	—	—	1
35	000148-DBA	Ringer ¹	1	1	1
36	183105-102	Switch Hook Assembly	1	1	1
	182900-101	Cradle, Switch Hook	1	1	1
	181145-101	Screw, Switch Hook Cradle	3	3	3
	185494-101	Operating Arm Assembly	1	1	1
	185487-101	Arm, Operating	1	1	1
	075307-104	Spring, Cradle Return	1	1	1
	181282-101	Shaft, Pivot	1	1	1
	073538-110	Ring, Retainer	1	1	1
37	185488-101	Arm, Latch	1	1	1
38	181151-101	Spring, Latch Arm	1	1	1
39	073538-110	Ring, Retainer	2	2	2
40	181152-101	Pin, Pivot	1	1	1
41	185486-101	Arm, Trip	1	1	1
42	185485-101	Spring, Torsion	1	1	1
43	004600-OPG	Dial Assembly, Pushbutton Digital, Metropolitan (Letters And Numerals) ^{1, 2}	1	1	1
43	003600-OPG	Dial Assembly, Pushbutton Tel-Touch, Metropolitan (Letters And Numerals) ^{1, 4}	1	1	1
43	004600-OPD	Dial Assembly, Pushbutton Digital, Regular (Numerals Only) ^{1, 3}	1	1	1
43	003600-OPD	Dial Assembly, Pushbutton Tel-Touch, Regular (Numerals Only) ^{1, 4}	1	1	1
44	0065**-OC2	Handset Assembly, Nonmodular ¹	1	1	1
44	0065**-OM2	Handset Assembly, Modular ¹	1	1	1
45	9018**-072	Cord, Handset, Modular	1	1	1
46	087514-101	Retainer, Number Card	1	1	1
47	087513-101	Card, Number	1	1	1

TABLE A
REPLACEMENT PARTS LIST (Cont)

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			2831/42	2831/46	2831/76
		20-Button, Pushbutton Dial, Desk Telephone			
47	087513-102	Card, Number, Strip Of 6 (Not Shown) ⁵	—	—	—
	600152-611-001	Jack Assembly, Handset Cord, Modular (Not Shown)	1	1	1
	182990-105	Insulator Assembly, Modular (Not Shown)	1	1	1
	181973-101	Pushbutton, Operator Recall (Not Shown)	—	1	—
	181971-101	Pushbutton, Exclusion Release (Not Shown)	—	—	1
	187944-101	Nameplate, ITT (Not Shown)	1	1	1

AW 84-827

NOTES:

- ¹ Refer to Component Parts Section of this manual for Assembly Parts List.
² The 004600-0PG dial replaces the 003600-0PG dial.
³ The 004600-0PD dial replaces the 003600-0PD dial.
⁴ These products have been discontinued, but are included to provide a source of information for telephones still in service.
⁵ This product must be ordered separately.
** Substitute 2-digit color code when ordering.
*** Substitute 3-digit color code when ordering faceplate.

CODE	COLOR	CODE	COLOR	CODE	COLOR	CODE	COLOR
101	Charcoal	104	Light Gray	107	Cocoa Brown	110	Clear
102	Light Green	105	Burnt Orange	108	Harvest Gold	111	Woodgrain
103	Muted Beige	106	Light Ash	109	Cherry Red		