

## 10-BUTTON, ROTARY DIAL, DESK TELEPHONES WITH BUSY LAMP FIELD REPLACEMENT PARTS

### 1. GENERAL

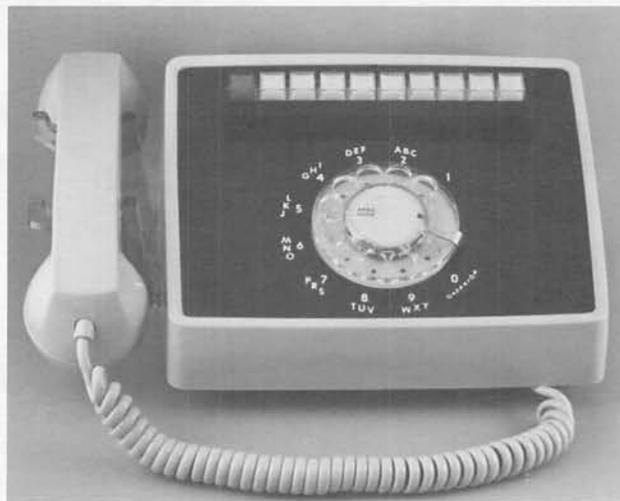
**1.01** This document covers the 10-button, rotary dial, desk telephone with the busy lamp field. (See Figure 1.) An exploded-view drawing of the telephone with major assembly groups (see Figure 2) and a replacement parts list (see Table A) are included.

**1.02** This section is reissued to reflect changes in the 10-button, rotary dial, desk telephone with busy lamp field 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 50-835-100. The circuit labels appear in Section 50-835-102. Related documents of the ITT Telephone Apparatus Practices Manual provide information on components.

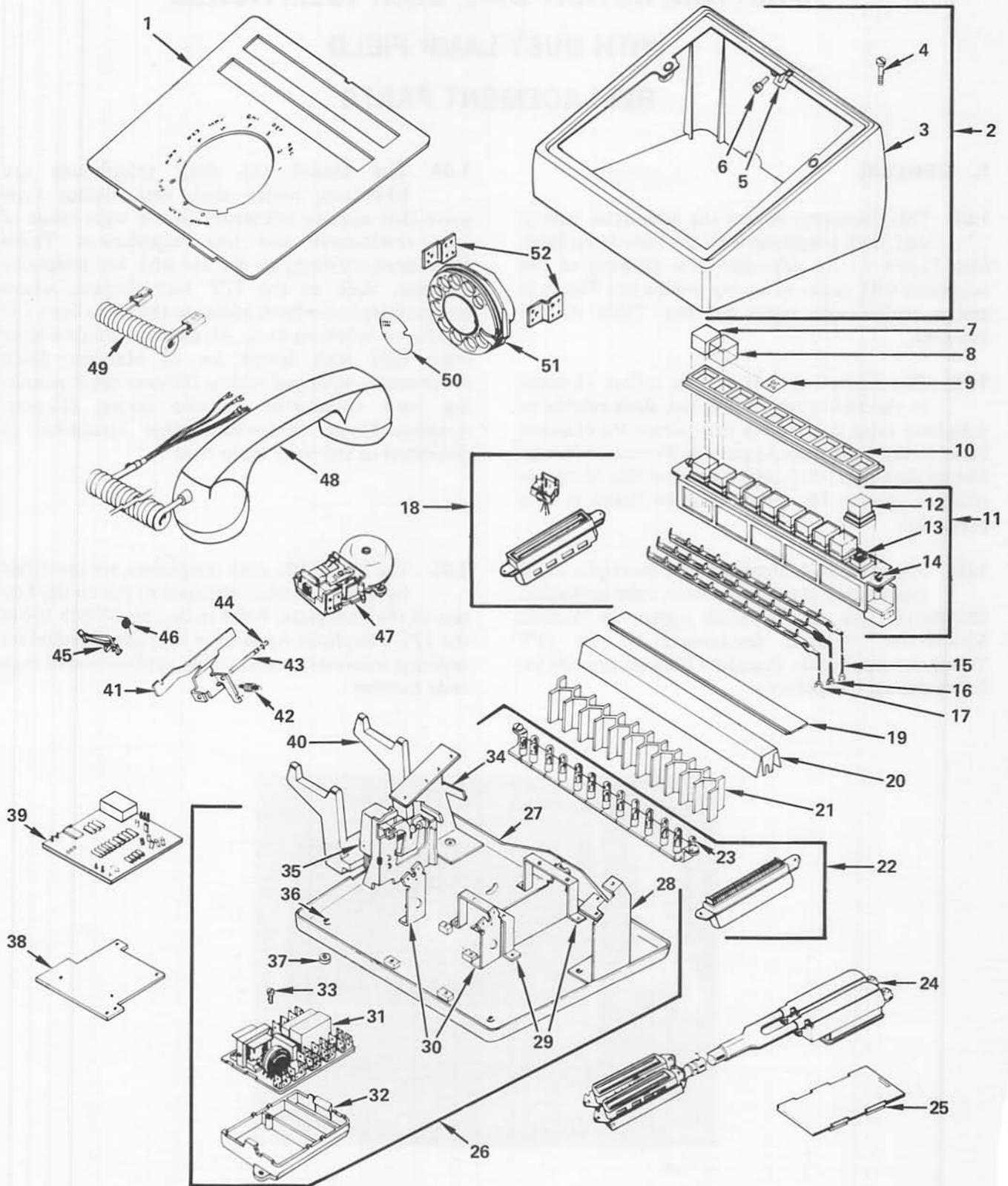
**1.04** The Model 835 desk telephones are 10-button, rotary dial, anti-sidetone type units that operate efficiently over a wide range of loop resistances and line impedances. These telephones are designed for use with key telephone systems, such as the ITT 1A2 System, where several telephones have access to the same lines, CO trunks, or intercom lines. All models include a busy lamp field with lamps for 24 stations. Each telephone is equipped with a 100-conductor mounting cord terminated in two 50-pin (25-pair) Amphenol-type connectors. One connector is dedicated to the busy lamp field.

**1.05** The Model 835 desk telephones are identified by a code number stamped in ink on the bottom of the base plate. Refer to Section 50-835-100 of the ITT Telephone Apparatus Practices Manual for ordering information and for an explanation of each code number.



AW 82-369

Figure 1: 10-Button, Rotary Dial, Desk Telephone W/BLF



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Figure 2: 10-Button, Rotary Dial, Desk Telephone W/BLF, Exploded View

TABLE A  
REPLACEMENT PARTS LIST

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			835/42	835/46	835/76
		10-Button, Rotary Dial, Desk Telephone With Busy Lamp Field	835/42	835/46	835/76
1	181143-***	Faceplate	1	—	—
1	181688-***	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	9	9	9
9	181281-101	Tab, Key Designation (Strip Of 12)	1	1	1
10	181287-101	Collar, Key Strip	1	1	1
11	181137-104	Key Assembly	1	1	—
11	182552-102	Key Assembly	—	—	1
12	181122-101	Button	10	10	10
13	000051-00A	Lamp	9	9	9
14	095992-102	Screw	2	2	2
15	181292-101	Strip, Contact (GN Wire)	1	1	1
16	181292-102	Strip, Contact (RD Wire)	1	1	1
17	181292-105	Strip, Contact (SL Wire)	1	1	1
18	181154-101	Cord, Internal	1	1	—
18	182546-101	Cord, Internal	—	—	1
19	181767-101	Plate, Numeral (Tinted)	1	1	1
20	182757-101	Template, (Blank)	1	1	1
20	182159-101	Template, (#20-47)	1	1	1
20	182160-101	Template, (#0-9, 20-34)	1	1	1
20	182161-101	Template, (#1-24)	1	1	1
21	181754-101	Separator, Lamp	1	1	1
22	181750-101	Busy Lamp Kit Assembly	1	1	1
23	181748-101	Lamp	24	24	24

TABLE A  
REPLACEMENT PARTS LIST (Cont)

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			835/42	835/46	835/76
		<b>10-Button, Rotary Dial, Desk Telephone With Busy Lamp Field</b>	<b>835/42</b>	<b>835/46</b>	<b>835/76</b>
24	184355-102	Cord, Mounting (100-Conductor)	1	1	1
25	181290-101	Slide	1	1	1
26	181250-104	Base Assembly	1	1	1
27	181141-101	Plate, Base	1	1	1
28	181251-101	Bracket, Key Right	1	1	1
29	181255-101	Bracket, Plug	2	2	2
30	181254-102	Bracket, Dial	2	2	2
31	181427-101	PC Network (#183070-101) <sup>1</sup>	1	1	1
32	182175-101	Spacer, Network	1	1	1
33	096407-103	Screw, Network Mounting	1	1	1
34	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
35	181260-101	Cradle Switch Assembly <sup>1</sup>	1	1	1
36	082486-102	Rivet, Foot	4	4	4
37	182337-101	Foot	4	4	4
38	181298-101	Terminal Board	1	1	1
39	182386-101	PC Board (Exclusion)	—	—	1
40	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
41	185488-101	Arm, Latch	1	1	1
42	181151-101	Spring, Latch Arm	1	1	1
43	181152-101	Pin, Pivot	1	1	1
44	073538-110	Ring, Retainer	2	2	2
45	185486-101	Arm, Trip	1	1	1
46	185485-101	Spring, Torsion	1	1	1
47	000148-DBA	Ringer <sup>1</sup>	1	1	1

TABLE A  
REPLACEMENT PARTS LIST (Cont)

INDEX NO	PART NUMBER	DESCRIPTION	QUANTITY USED		
			835/42	835/46	835/76
		10-Button, Rotary Dial, Desk Telephone With Busy Lamp Field			
48	0065**-0C2	Handset Assembly, Nonmodular <sup>1</sup>	1	1	1
48	0065**-0M2	Handset Assembly, Modular <sup>1</sup>	1	1	1
49	9018**-072	Cord, Handset, Modular	1	1	1
50	075415-101	Card, Number	1	1	1
51	003800-00H	Dial Assembly, Metropolitan (Letters And Numerals) <sup>1</sup>	1	1	1
52	181146-101	Bracket, Dial Adapter	2	2	2
	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

## NOTES:

<sup>1</sup> Refer to Component Parts Section of this manual for Assembly Parts List.

\*\* 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		

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