

REPLACEMENT PARTS

for AUTOMATIC ELECTRIC TELEPHONES SPECIAL TELEPHONES SUBSTATION EQUIPMENT

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AUTOMATIC  ELECTRIC

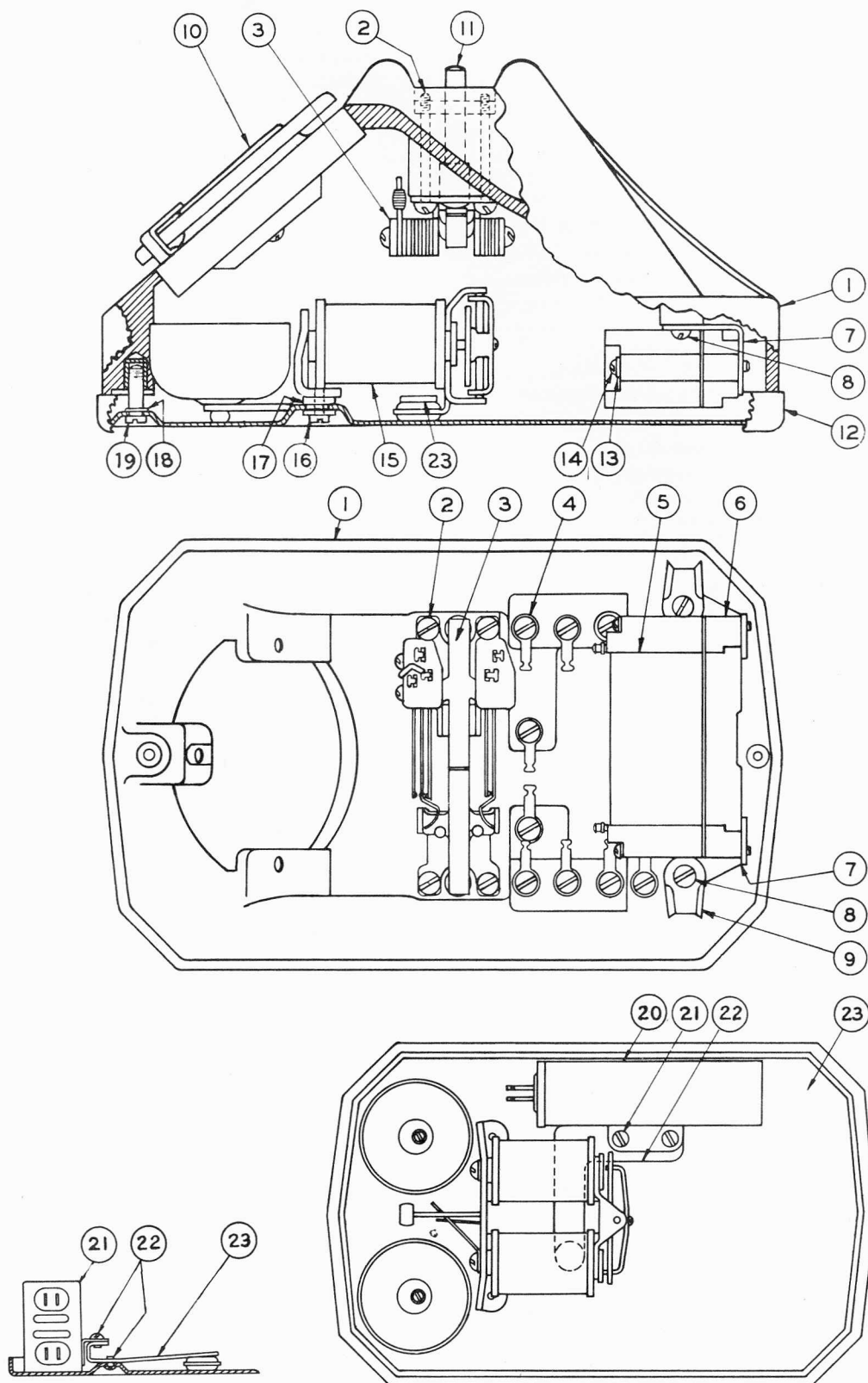
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One of America's great communications systems



Type 40 Desk Telephone

Fig. No.	Description	No. Req.	Order No.
1.	Cover.....	1	D-47945-AR
2.	Switch and Lift Blk. Mtg. Screw (5-40 x 1 $\frac{3}{16}$ " RHIMS)..	4	_____
3.	Monophone Switch.....	1	D-735244-A
4.	Terminal Screw Furnished with Cover.....	—	_____
5.	Induction Coil—Regular.....	1	D-282996-AR
	Induction Coil—Super Volume.....	1	D-282805-AR
6.	Induction Coil Armature Keeper.....	1	D-71561-A
7.	Induction Coil Bracket.....	1	D-730987-A
8.	Screw, Bracket and Cord Holder (6-32 x $\frac{5}{16}$ " RHIMS)..	2	_____
9.	Cord Holder.....	2	D-542637-A
10.	Dial.....	1	AK-11
	Dial Blank (Not Shown).....	1	D-49607-A
	Dial Mounting Screw (Not Shown) (4-36 x $\frac{3}{8}$ " RHIMS).	3	_____
	Dial Blank Mounting Screw		
	(Not Shown) (4-40 x $\frac{5}{8}$ " RHIMS).....	2	_____
	Dial Blank Terminal Screw		
	(Not Shown) (4-40 x $\frac{1}{4}$ " RHIMS).....	1	_____
	Washer.....	3	D-17377-A
11.	Switch Plunger.....	2	D-67313-A
12.	Rubber Cushion.....	1	D-67251-A
13.	Washer, Shakeproof.....	2	D-17468-A
14.	Screw, Induction Coil (5-40 x 1 $\frac{7}{16}$ " RHIMS).....	2	_____
15.	Ringer—Straight-Line (See Chart Page 29).....	1	_____
16.	Screw, Ringer Mounting.....	2	D-760708-A
17.	Bushing, Ringer Mounting.....	2	D-750009-A
18.	Ring, Base Plate Screw.....	2	D-65270-A
19.	Screw, Base Plate.....	2	D-760069-A
20.	Condenser (4 MF/.4MF).....	1	D-68649-A
21.	Screw, Condenser Bracket Mounting		
	(6-32 x 1 $\frac{3}{16}$ " RHIMS).....	2	_____
22.	Bracket, Clamp.....	1	D-731405-A
23.	Baseplate.....	1	D-780093-B
	Handset Type 41 (Not Shown).....	1	AF-48
	Connecting Block (Not Shown).....	1	D-15959-A
	Cord, Desk Set (Not Shown).....	1	CD-600072
	Lift Bar (Not Shown).....	1	D-660189-A

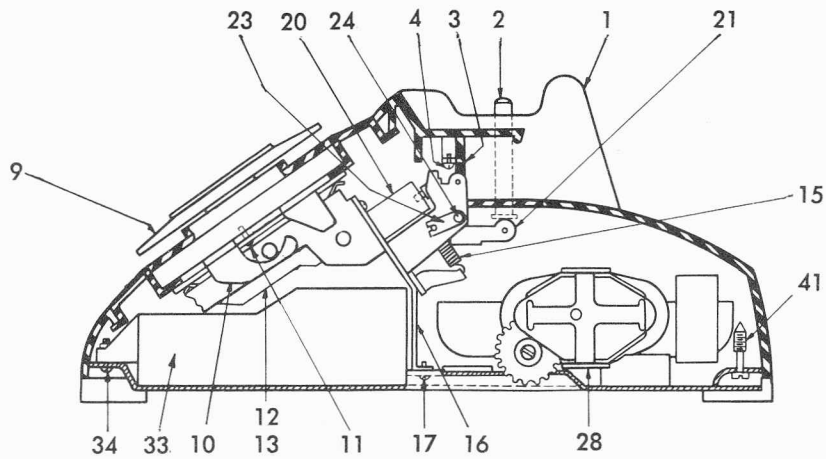
Type 40 Desk Telephone



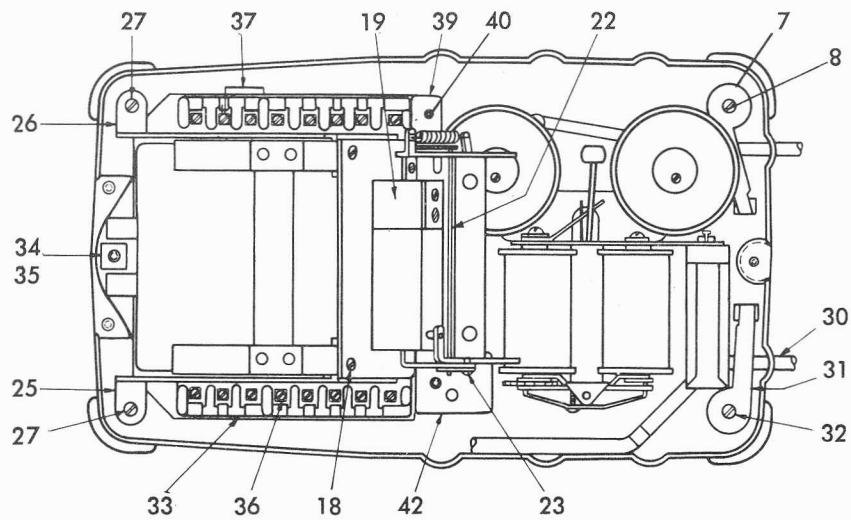
Type 80 Desk Telephone

Fig. No.	Description	No. Req.	Order No.
1.	Housing Assembly.....	1	See (1) page 26
2.	• Plunger, Hookswitch.....	2	D-67586-A
3.	• Cover, Cradle Hole.....	1	See (2) page 26
4.	• Screw (6-32 x 3/8" PKF RHS).....	1	
5.	• Label, Circuit (Standard) Not Shown.....	1	D-530142-A
6.	Handset Assembly (See Page 26).....	1	See (3) page 26
7.	Clamp, Cord.....	2	D-731490-A
8.	Screw, Clamp.....	4	D-760733-A
	Type 51-A		
9.	Dial Assembly Type 52 (1-0).....	1	See (4) page 26
	Type 52 (ABC)		
10.	Bracket, Mounting.....	1	D-731543-A
11.	Screw.....	3	D-760730-A
12.	Cover, Dust (Dial).....	1	D-49929-A
13.	Screw (4-36 x 3/16" RHIMS).....	2	
14.	Cover, Dial Hole (Not Shown).....	1	See (5) page 26
	Screw, Dial Blank (4 x 3/8" PKZ RHS).....	3	
	Esc. Ring (Black).....	1	D-65112-D
	Esc. Ring (Chrome).....	1	D-65112-K
	Card, Number (Black).....	1	D-53620-A
	Card, Number (White).....	1	D-530182-A
	Cover, Clear.....	1	D-53176-A
	Plate, Clamping.....	1	D-78541-A
15.	Spring, Coil.....	1	D-109780-A
16.	Bracket, Mounting (Center Switch).....	1	D-731471-A
17.	Screw.....	1	D-760764-A
18.	Screw, Sw. and Center Bkt.....	1	D-760732-A
19.	Switch Assembly.....	1	D-735306-X
20.	Cover, Dust.....	1	D-49928-A
21.	Lever and Buffer Assembly, Hookswitch.....	1	D-16360-A
22.	Pin, Bearing.....	1	D-37592-A
23.	Pin, Lock.....	1	D-58062-A
24.	Screw (3-48 x 3/16" Bdg. HIMS).....	1	
25.	Bracket, Mounting (Right).....	1	D-731469-A
26.	Bracket, Mounting (Left).....	1	D-731470-A
27.	Screw.....	2	Same as 8
28.	Ringer Assembly (See Page 29).....	1	D-56548. See chart page 30
29.	Screw.....	3	D-760735-A
30.	Cord, Line.....	1	See (7) page 26
31.	Clamp, Line Cord.....	1	Same as 7
32.	Screw, Clamp.....	1	Same as 8
33.	Transmission Network Assembly.....	1	D-38362-A
34.	Screw.....	1	D-760734-A
35.	Nut.....	1	D-77389-A
36.	Screw (5-40 x 1/4" Bdg. HBRMS).....	16	
37.	Clamp, Wire.....	1	D-731510-A
38.	Plate, Base.....	1	D-780659-AR
	• Feet (Inc. with Item 38).....	4	
	• Rheostat (Inc. with Item 38).....	1	
39.	• Clamp.....	1	D-731461-A
40.	• Screw (6-32 x 3/16" RHIMS).....	2	
41.	• Screw.....	3	D-760719-A
42.	• Block, Mounting.....	1	D-660256-A

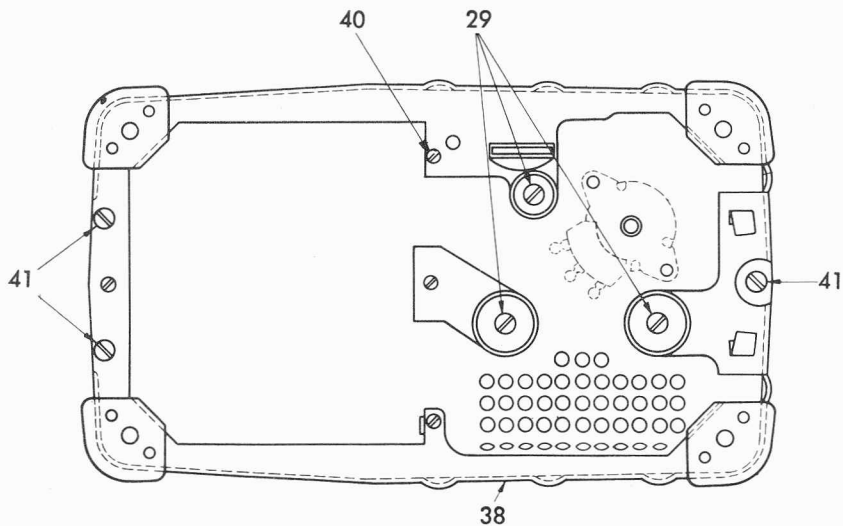
Type 80 Desk Telephone



Type 80 Side View



Type 80 Top View

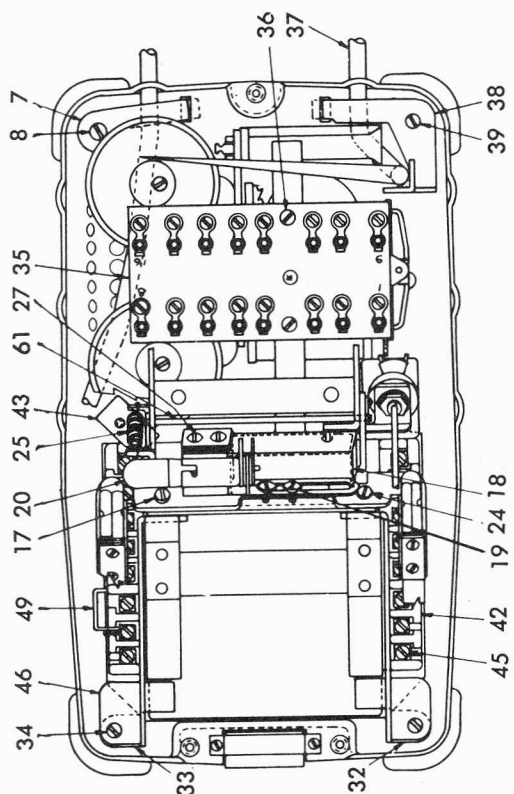


Type 80 Bottom View

Type 88 Loud-Speaking Telephone

Fig. No.	Description	No. Req.	Order No.
1.	Housing Assembly.....	1	See (1) page 26
2.	• Plunger, Hookswitch.....	2	D-67586-A
3.	• Cover, Cradle Hole.....	1	See (2) page 26
4.	• Screw, Cradle Hole Cover (6-32 x 3/8" PKF RHS)...	1	
5.	• Label, Circuit (Standard) (Not Shown).....	1	D-530174-A
6.	Handset Assembly (See Page 26).....	1	(See 3) page 26
7.	Clamp, Handset Cord.....	1	D-731490-A
8.	Screw, Handset Cord Clamp.....	1	D-760733-A
9.	Dial Assembly { 52 (1-0) 52 (ABC).....	1	See (4) page 26
10.	Bracket, Mounting.....	1	D-731543-A
11.	Screw.....	3	D-760730-A
12.	Dust Cover, Dial.....	1	D-49929-A
13.	Screw (4-36 x 1/16" RHIMS) (Not Shown).....	2	
14.	Cover, Dial Hole (Not Shown).....	1	See (5) page 26
	Screw, Dial Blank (4 x 3/8" PKZ RHS).....	3	
	Esc. Ring (Black).....	1	D-65112-D
	Esc. Ring (Chrome).....	1	D-65112-K
	Card, Number (Black).....	1	D-53620-A
	Card, Number (White).....	1	D-530182-A
	Cover, Clear.....	1	D-53176-A
	Plate, Clamping.....	1	D-87541-A
16.	Off and On Spring Assembly.....	1	D-735335-X
17.	Screw, Push Button.....	2	D-760732-A
18.	Socket, Lamp.....	1	(CINCH) 154143
19.	Screw (6-40 x 3/16" RHIMS).....	2	
20.	Lamp.....	1	D-94081-A
21.	Bracket, Center.....	1	D-731471-A
22.	Screw, Center Bracket.....	1	D-760764-A
23.	Lever and Buffer Assembly.....	1	D-16360-A
24.	Screw, Sw. and Center Bkt.....	2	D-760732-A
25.	Spring, Coil.....	1	D-109780-A
26.	Mon. Spg. Comb.....	1	D-735336-X
27.	Screw (Not Shown).....	2	D-760558-L
29.	Cover, Dust.....	1	D-49928-A
30.	Potentiometer.....	1	D-284155-A
31.	Knob, Volume Control.....	1	See (6) page 26
32.	Bracket, Right.....	1	D-731469-A
33.	Bracket, Left.....	1	D-731470-A
34.	Screw, Bracket.....	2	D-760733-A
35.	Strip Assembly, Terminal.....	1	D-150034-A
36.	Screw, Terminal (4-40 x 3/16" FHIMS).....	2	
37.	Cord, Line (16 Cond.).....	1	D-543093-A
38.	Clamp, Line Cord.....	1	D-731532-A
39.	Screw, Clamp.....	1	D-760733-A
40.	Ringer (See Page 29).....	1	D-56548-See Chart page 30
41.	Screw, Ringer Mounting.....	3	D-760745-A
42.	Transmission Network Assembly.....	1	D-38362-C
43.	Clamp, Transmission Network.....	1	D-731491-A
44.	Screw, Clamp (6-32 x 1/4" RHIMS).....	1	
45.	Screw, Transmission Network Terminals (5-40 x 1/4" Bdg. HBRMS).....	16	
46.	Clamp, Transmission Network (Left).....	1	D-731523-A
47.	Clamp, Transmission Network (Right).....	1	D-731524-A
48.	Screw, Mounting.....	2	D-760733-A
49.	Wire, Clamp.....	1	D-831510-A
50.	Bracket, Transmission Network.....	1	D-660256-A
51.	Microphone.....	1	D-38372-A

(Continued on Page 8)



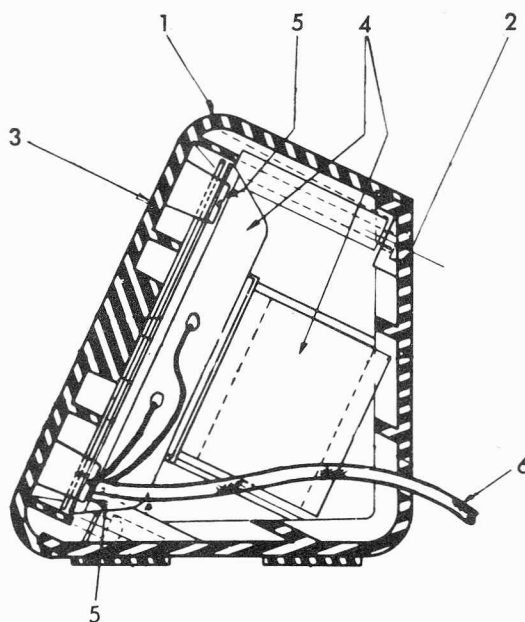
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Type 88 Loud-Speaking Telephone-Cont.

Fig. No.	Description	No. Req.	Order No.
52.	Cushion Microphone.....	1	D-67443-A
53.	Bushing Microphone.....	1	D-750241-A
54.	Upper Bracket, Microphone.....	1	D-731520-A
55.	Lower Bracket, Microphone.....	1	D-731521-A
56.	Screw, Microphone Mounting (3-48 x 1/8" RHIMS) (Not Shown).....	2	
57.	Plate, Base.....	1	D-780692-A
58.	Screw, Mounting.....	3	D-760719-A
59.	Bracket, Volume Control and Terminal Mounting.....	1	D-731527-A
60.	Screw, Bracket Mounting (6-40 x 3/16" RHIMS).....	2	
61.	Pin, Bearing (Sw. Lever).....	1	D-37592-A
62.	Lock, Pin (SW Lever).....	1	D-58062-A
63.	Screw, Pin Lock (3-48 x 3/16" Bdg. HIMS).....	1	

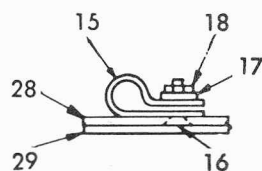
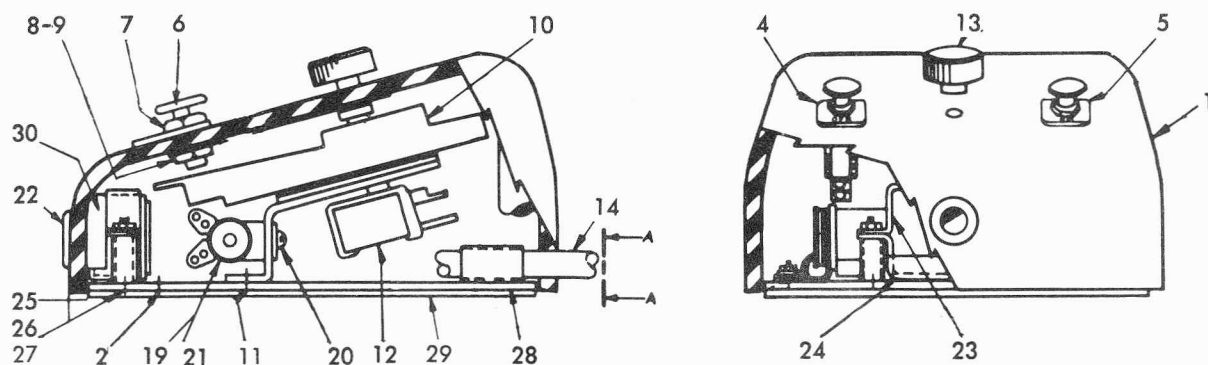
Type 88 Speaker Assembly

Fig. No.	Description	No. Req.	Order No.
1.	Front and Rear Cover Assembly.....	1	See (1) page 26
2.	Screw, Mounting (6-32 x 1/2").....	4	D-760783-A
3.	Screen.....	1	D-18188-A
4.	Speaker.....	1	Jensen Model P-3-V
5.	Screw, Speaker Mounting.....	4	D-760788-A
6.	Cord, Speaker.....	1	See (8) page 26



Adapter Unit for Type 88-A Loud-Speaking Telephone Conversion Set

Fig. No.	Description	No. Req.	Order No.
1.	Housing Assembly.....	1	See (1) page 26
2.	Screw, Mounting (4-40 x $\frac{3}{8}$ " PKFFHS).....	3	
3.	Label, Circuit (Not Shown).....	1	D-530187-A
4.	Escutcheon (ON).....	1	D-550095-A
5.	Escutcheon (OFF).....	1	D-550095-B
6.	Plunger.....	2	D-67444-A
7.	Bushing.....	2	D-750229-A
8.	Nut Hex., Brass.....	2	D-77398-A
9.	Washer, Shakeproof.....	2	D-17631-A
10.	Off and On Spring Assembly.....	1	D-735338-A
11.	Screw, Mounting (4-40 x $\frac{3}{16}$ " FHIMS).....	2	
12.	Potentiometer.....	1	D-284155-B
13.	Knob, Volume Control.....	1	See (6) page 26
14.	Cord Assembly.....	1	D-543099-A
15.	Clamp, Plastic Support.....	1	D-731449-C
16.	Screw (4-40 x $\frac{5}{16}$ ").....	1	
17.	Washer.....	1	D-1726-A
18.	Nut, Hex.....	1	D-77299-C
19.	Socket, Lamp.....	1	(DRAKE) 206-AH
20.	Screw (6-40 x $\frac{1}{8}$ " Bdg. HIMS).....	1	
21.	Lamp (28-Volt).....	1	D-94081-A
22.	Microphone.....	1	D-38372-A
23.	Bracket, Upper.....	1	D-731520-A
24.	Bracket, Lower.....	1	D-731521-A
25.	Bushing.....	2	MP-3895
26.	Screw (3-48 x $\frac{9}{16}$ " FHIMS).....	2	
27.	Nut, Hex.....	2	D-7719-A
28.	Plate Base.....	1	D-780700-A
29.	Cushion, Base.....	1	D-67450-A
30.	Cushion, Microphone.....	1	D-67443-A



View A-A

Type 83 Compact Telephone

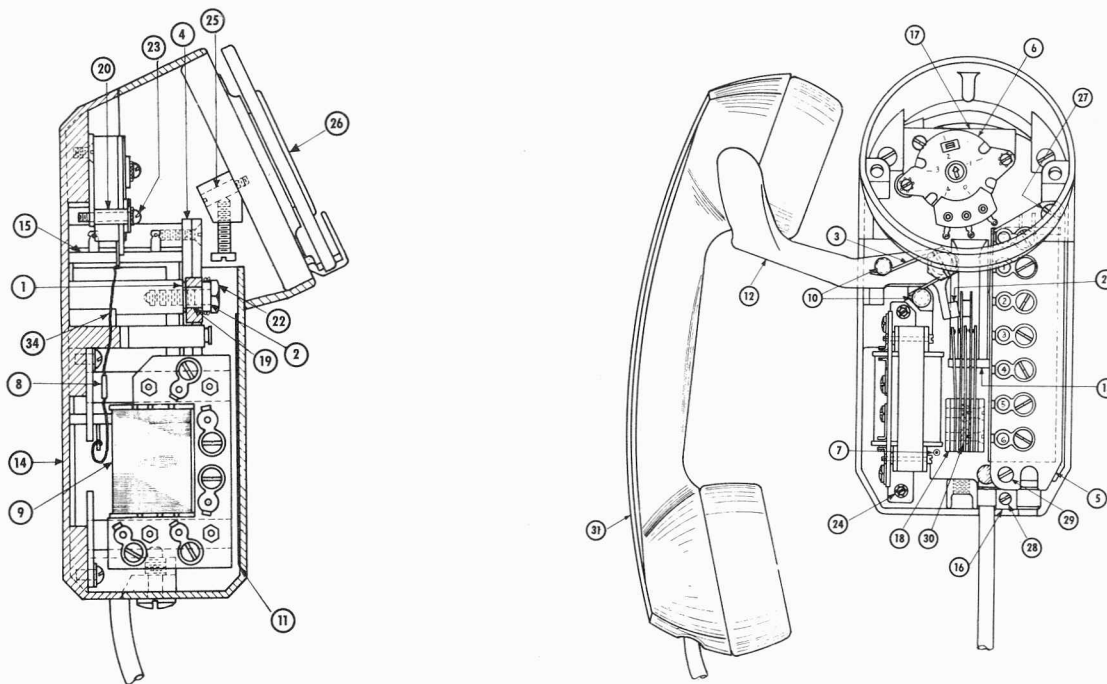


Fig. No.	Description	No. Req.	Order No.
1.	Washer, Switch Hook.....	1	D-17601-A
2.	Washer, Switch Hook.....	1	D-17602-A
3.	Spring.....	1	D-109547-A
4.	Insulator.....	1	D-15851-A
5.	Terminal Strip Assembly.....	1	D-15852-A
6.	Rheostat.....	1	D-284068-A
7.	Resistor (100).....	1	D-284080-B38
8.	Resistor (62).....	1	D-284080-B61
9.	Coil, Induction.....	1	D-284263-A
10.	Shoulder Pin—Switch Hook and Tension Spring.....	2	D-37467-A
11.	Circuit Label.....	1	D-530212-A
12.	Switch Hook.....	1	D-62123-A
13.	Sidetone Assembly.....	1	D-68727-A
14.	Housing.....	1	D-48350-A
15.	Capacitor (5/ .4 MF).....	1	D-68728-A
16.	Clamp, Cord.....	1	D-731135-A
17.	Plate, Rheostat Mounting.....	1	D-731592-A
18.	Switch Assembly.....	1	D-735271-A
19.	Bushing, Switch Hook.....	1	D-750218-A
20.	Bushing, Rheostat.....	2	D-750260-A
21.	Buffer, Switch Hook.....	1	D-75453-A
22.	Screw, Switch Bearing.....	1	D-760707-A
23.	Screw, Rheostat (4-40 x 3/4" RHS).....	2	D-760776-A
24.	Screw, Induction Coil.....	2	D-760806-A
25.	Screw, Dial and Dial Blank.....	2	D-76838-A
26.	Dial.....	1	AK-11
27.	Screw, Terminal Strip (6-32 x 1/2" FHIMS).....	1	
28.	Screw, Cord Clamp (5-40 x 3/8" RHIMS).....	1	
29.	Screw, Terminal Strip (6-32 x 1/2" RHIMS).....	1	
30.	Screw, Switch Assembly (6-32 x 3/16" RHIMS).....	2	
31.	Handset and Cord.....	1	L-9028-CO

Type 44 Wall Telephone

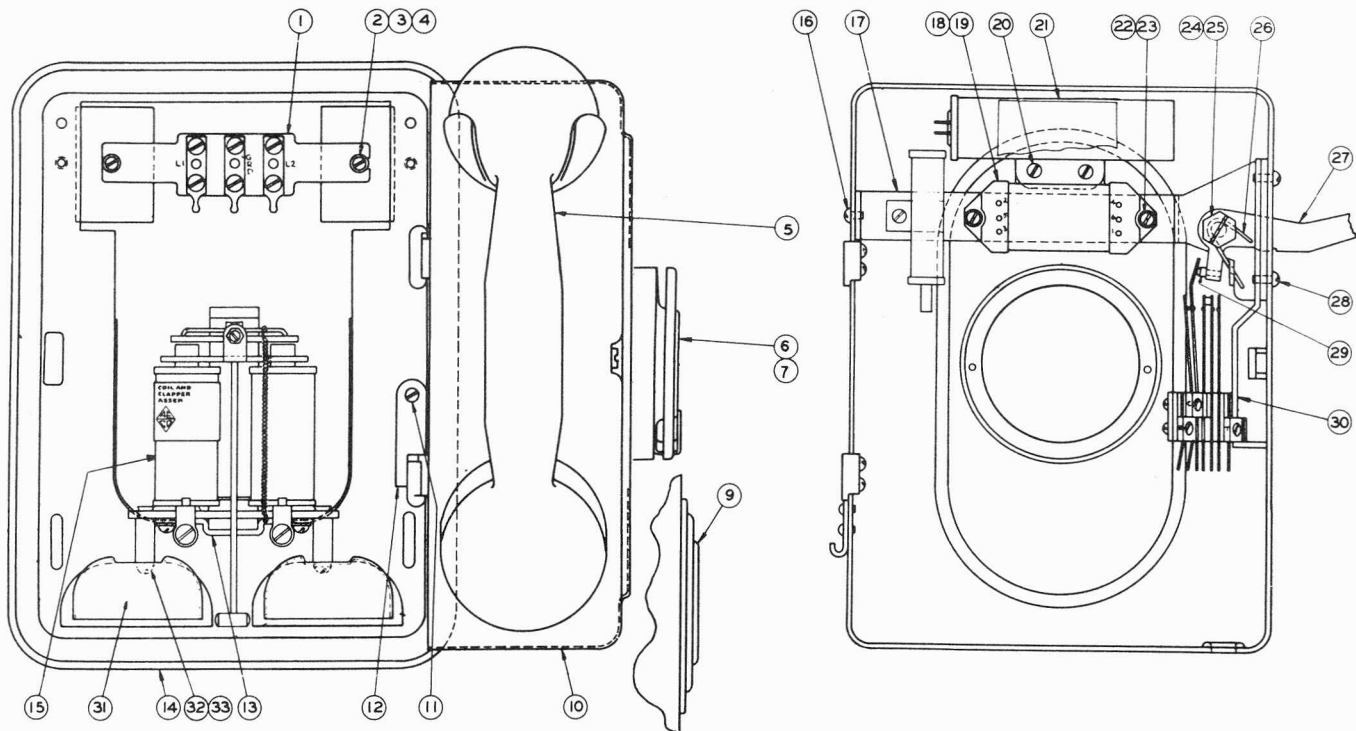
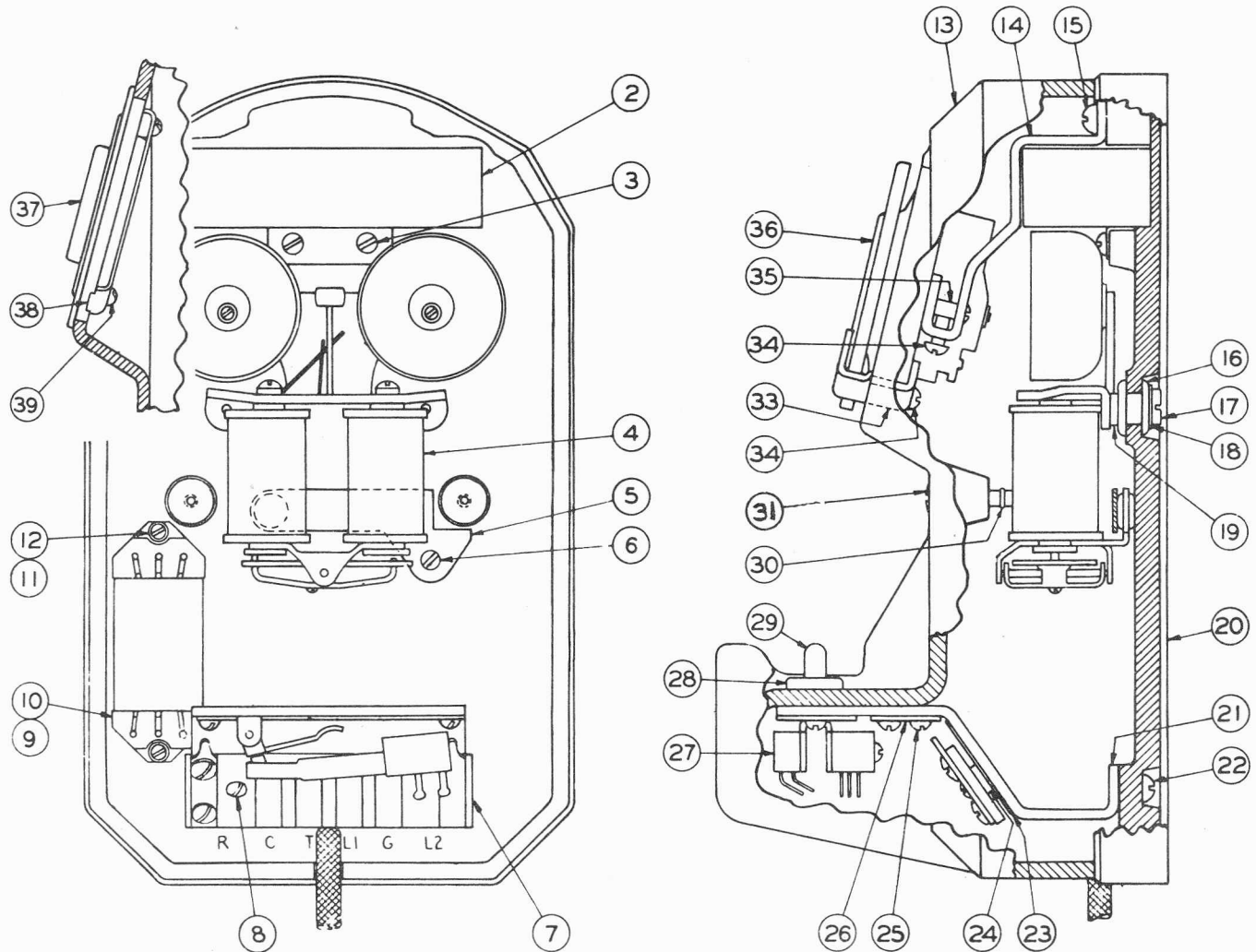


Fig. No.	Description	No. Req.	Order No.
1.	Terminal Strip Assembly	1	D-15695-A
2.	Screw, Terminal Strip (5-40 x 5/16" RHIMS).....	2	
3.	Hex Nut, Terminal Strip 5-40.....	2	D-77133-A
4.	Washer.....	2	D-17221-A
5.	Type 41 Handset (See Handsets Page 24).....	1	
6.	Screw, Dial Mounting.....	2	D-76838-A
7.	Dial, (See Dial Page 26).....	1	
9.	Dial Hole Cover and Terminal Strip.....	1	D-49514-A
10.	Cover Assembly.....	1	D-49761-A
11.	Screw, Latch (8-32 x 3/16" RHIMS).....	1	
12.	Latch.....	1	D-5879-A
13.	Bracket, Gong Mounting.....	1	D-731114-A
14.	Base.....	1	D-47425-A
15.	Ringer Assembly.....	1	D-56329-A
16.	Screw.....	2	D-760196-C
17.	Bracket, Induction Coil and Condenser.....	1	D-731182-A
18.	Induction Coil.....	1	D-282996-A
19.	Armature Assembly, Keeper.....	1	D-7156-A
20.	Screw (6-32 x 3/16" RHIMS).....	2	
21.	Condenser (4 MF/0.7 MF).....	1	D-68640-A
22.	Washer.....	2	D-17468-A
23.	Screw (5-40 x 1 1/2" RHIMS).....	2	
24.	Screw, Hook Bearing.....	1	D-760217-A
25.	Washer.....	1	D-17528-A
26.	Spring.....	1	D-109567-A
27.	Hook.....	1	D-62124-A
28.	Screw.....	2	D-76668-B
29.	Buffer.....	1	D-75453-A
30.	Hook Spring and Bracket Assembly.....	1	D-731355-A
31.	Gong.....	2	D-56328-A
32.	Washer, Lock.....	2	D-17375-A
33.	Screw, (10-32 x 3/8" RHIMS).....	2	

Type 50 Wall Telephone

Fig. No.	Description	No. Req.	Order No.
1.	Type 41 Handset (See Handsets Page 24).....	1	_____
2.	Condenser (4 MF/.7 MF).....	1	D-68640-A
3.	Screw, Condenser Mounting (6-32 x 1/2" RHIMS).....	2	_____
4.	Ringer Assembly.....	1	D-56441-A
5.	Stop Bracket, Ringer.....	1	D-731085-A
6.	Screw, Ringer Stop Bracket (8-32 x 5/16" RHIMS).....	2	D-760130-A
7.	Terminal Strip Assembly.....	1	D-15807-A
8.	Screw, Terminal Strip Mounting (6-32 x 1/8" RHIMS)...	2	_____
9.	Keeper, Induction Coil.....	1	D-71561-A
10.	Induction Coil.....	1	D-282996-A
11.	Washer.....	2	D-17468-A
12.	Screw, Induction Coil Mounting (5-40 x 1 1/2" RHIMS)..	2	_____
13.	Cover (Black).....	1	D-49696-AR
14.	Bracket, Dial.....	1	D-731065-A
15.	Screw, Dial Bracket Mounting (10-32 x 5/16" RHIMS)...	2	_____
16.	Rubber Grommet.....	2	D-75887-A
17.	Screw, Ringer Assembly Mounting.....	2	D-760647-A
18.	Washer, Ringer Mounting.....	2	D-17428-A
19.	Spacer, Ringer Mounting.....	2	D-65462-B
20.	Base.....	1	D-47830-A
21.	Bracket, Telephone Switch.....	1	D-731063-A
22.	Screw, Switch Bracket (10-32 x 7/16" RHIMS).....	2	_____
23.	Insulator, Terminal Strip.....	1	D-440071-A
24.	Spacer, Terminal Strip.....	2	D-17197-A
25.	Screw, Res. Coil Mounting (6-32 x 3/16" RHIMS).....	2	_____
26.	Resistance Coil.....	1	D-282804-A
27.	Switch Assembly, Telephone.....	1	D-731066-A
28.	Spanner Nut.....	1	D-77210-C
29.	Switch Plunger Rod.....	1	D-41293-C
30.	Screw, Cover Locking Ringer.....	2	D-65270-A
31.	Screw, Cover Locking.....	2	D-76655-C
32.	Screw, Dial Lug (4-36 x 3/16" RHIMS).....	1	_____
33.	Lug, Dial.....	1	D-70162-A
34.	Screw, Dial Locking (6-32 x 5/16" RHIMS).....	2	_____
35.	Stud, Dial Mounting.....	2	D-76838-A
36.	Dial.....	1	AK-11
37.	Dial Blank.....	1	D-49610-A
38.	Dial Blank Mounting Strip.....	1	D-730848-A
39.	Dial Blank Mounting Screw (4-40 x 3/16" RHIMS).....	2	_____
	Gong (light) Not Shown.....	1	D-56438-A
	Gong (heavy) Not Shown.....	1	D-56439-A
	Ring (Lock Screw) Not Shown.....	2	D-65270-A
	Spacer (Gong) Not Shown.....	2	D-65334-A
	Screw (Gong) Not Shown.....	2	D-760099-A

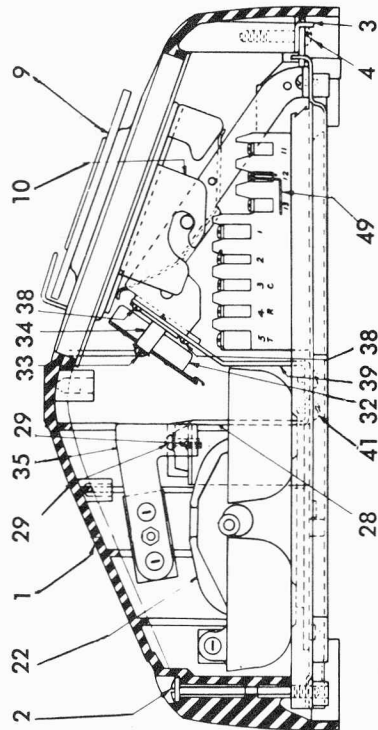
Type 50 Wall Telephone



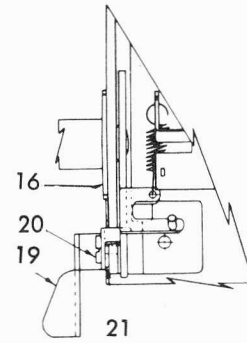
Type 90 Wall Telephone

Fig. No.	Description	No. Req.	Order No.
1.	Housing Assembly.....	1	See (1) page 26
2.	• Screw, Mounting.....	1	D-760773-A
3.	• Bracket, Mounting.....	1	D-731536-A
4.	• Screw (8-32 x 5/8" RHIMS).....	2	
5.	• Label, Circuit (Not Shown).....	1	D-530176-A
6.	Handset Assembly (See Page 12).....	1	See (3) page 26
7.	Clamp, Handset Cord.....	1	D-731490-A
8.	Screw.....	2	D-760733-A
9.	Dial Assembly 52 (1-0).....	1	See (4) page 26
	52 (ABC).....	1	
10.	Bracket, Dial Mounting.....	1	D-731535-A
11.	Screw, Bracket (Not Shown).....	1	D-760730-A
12.	Cover, Dial Dust (Not Shown).....	1	D-49929-A
13.	Screw, Dust Cover (4-36 x 9/16" RHIMS) (Not Shown)...	2	
14.	Cover, Dial Hole (Not Shown).....	1	See (5) page 26
	Screw, Dial Hole Cover (Not Shown) 4 x 3/8" PKZ RHS.	3	
15.	Spring, Coil (Sw. Lever).....	1	D-109797-A
16.	Switch Hook and Bracket Assembly.....	1	See (8) page 26
17.	Screw, Switch Hook (6-32 x 1/4" RHIMS).....	1	
18.	Screw, Switch Hook.....	1	D-760775-A
19.	• Latch, Hook.....	1	D-58065-A
20.	• Screw, Hook Latch.....	1	D-760774-A
21.	• Washer, Hook Latch.....	1	D-17473-A
22.	Ringer Assembly (See Page 29).....	1	D-56548. See chart page 30
23.	Screw, Ringer Mounting.....	4	D-760735-A
24.	Plate, Ringer Mounting.....	1	D-780701-A
25.	Screw, Ringer Mounting Plate.....	2	D-760732-A
27.	Condenser (1. MF).....	1	D-68563-A
28.	Bracket, Terminal Strip.....	1	D-731534-A
29.	Screw.....	3	D-760764-A
30.	Strip, Terminal.....	1	D-150024-A3
32.	Rheostat.....	1	D-284068-A
33.	Screw, Rheostat Mounting.....	2	D-760776-A
34.	Bushing, Rheostat Mounting.....	2	D-750233-A
35.	Bracket, Condenser Mounting.....	1	D-731552-A
37.	Mono. Spg. Comb.....	1	D-735337-X
38.	Screw, Mono Spg. Comb. Mounting (Not Shown).....	2	D-760732-A
39.	Bracket, Center.....	4	D-731471-A
41.	Screw, Center Bracket Mounting.....	3	D-760764-A
42.	Cover, Dust.....	1	D-49928-A
43.	Bracket, Right.....	1	D-731469-A
44.	Bracket, Left.....	1	D-731470-A
46.	Transmission Network Assembly.....	1	D-38362-A
47.	Screw, Transmission Mounting.....	3	D-760734-A
48.	Nut, Transmission Mounting Screw.....	1	D-77389-A
49.	Clamp, Wire.....	1	D-731510-A
50.	Screw, Transmission Network Terminal (5-40 x 1/4" Bdg. HBR.MS).....	16	
51.	Clamp, Transmission Network.....	1	D-731491-A
52.	Screw, Transmission Network Clamp (6-32 x 1/4" RHIMS).....	2	
53.	Base Plate Assembly.....	1	D-780694-A

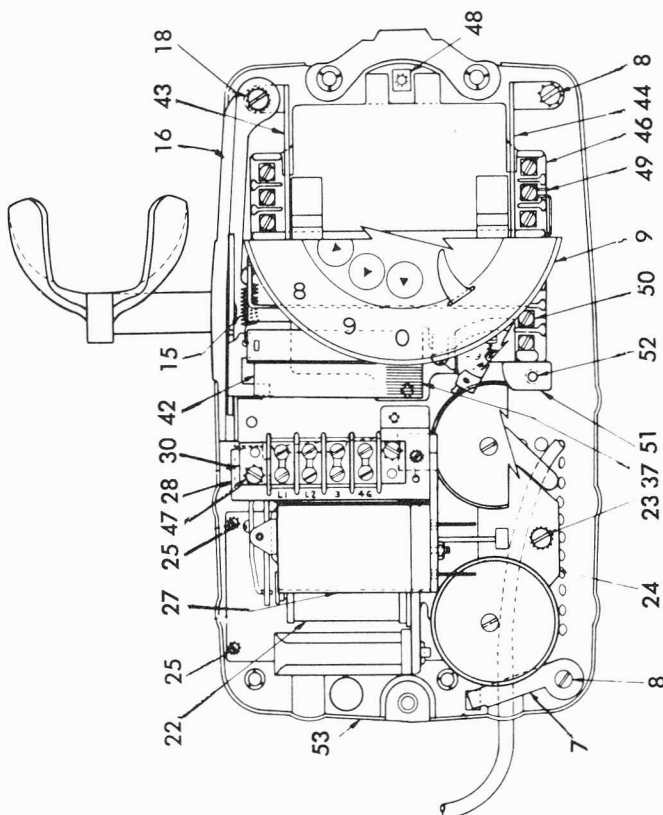
Type 90 Wall Telephone



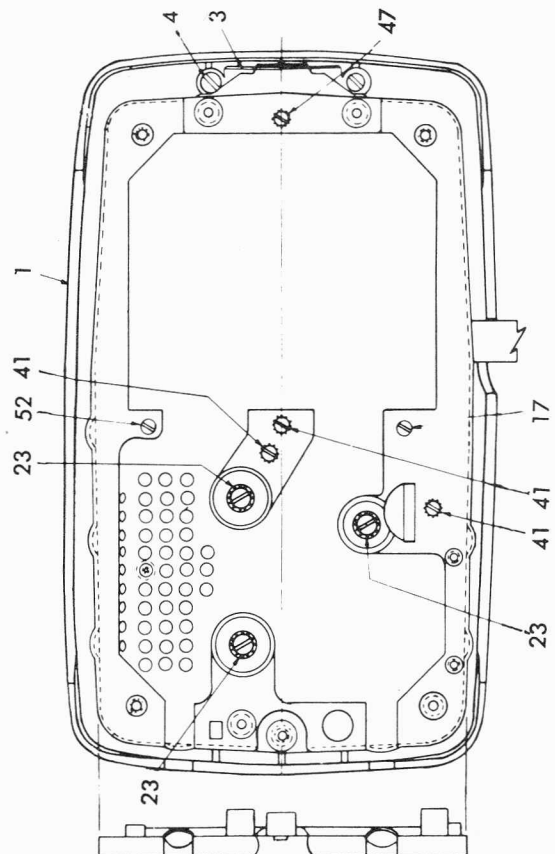
Type 90 Side View



Hooklatch Assembly



Type 90 Top View

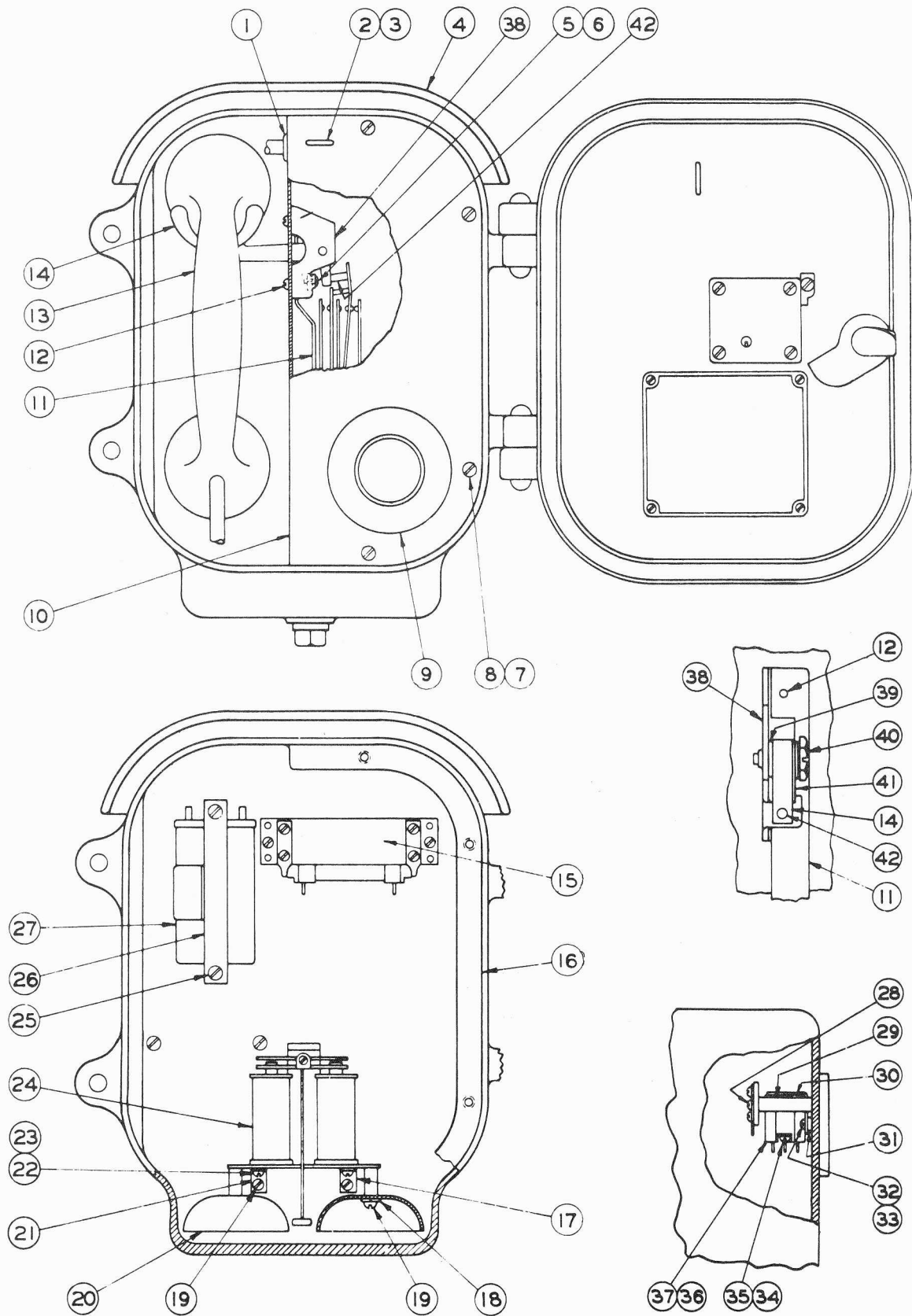


Type 90 Bottom View

Outdoor Telephone

Fig. No.	Description	No. Req.	Order No.
1.	Rubber Grommet.....	1	#230
2.	Screw Eye, Mounting Plate.....	1	D-76931-A
3.	Hex Nut, Screw Eye.....	1	D-77124-D
4.	Containing Box (Housing).....	1	D-48312-A
5.	Screw, Hook Stop.....	1	D-760158-A
6.	Hex Nut, Hook Stop.....	1	D-7795-A
7.	Tapped Washer (Mounting Plate).....	4	D-17203-B
8.	Screw, Mounting Plate.....	4	D-76933-A
9.	Dial.....	1	AK-11
10.	Mounting Plate.....	1	D-78944-B
11.	Hook Switch and Bracket Assembly.....	1	D-731355-A
12.	Screw, Hook Switch Mounting.....	2	D-76744-E
13.	Type 41 Handset.....	1	AF-48
14.	Switch Hook.....	1	D-62134-A
15.	Terminal Strip.....	1	D-15513-A
16.	Gasket, Mounting Plate.....	1	D-67278-A
18.	Lockwasher, Ringer Bracket and Gongs.....	4	D-17375-A
19.	Screw, Ringer Bracket and Gongs (10-32 x 5/16" RHIMS).....	2	_____
20.	Gongs.....	2	D-76328-A
21.	Bracket (Left) Ringer Mounting.....	1	H-60694-10
22.	Screw, Mounting Ringer (8-32 x 5/8" RHIMS).....	2	_____
23.	Lockwasher, Ringer Mounting.....	2	D-17376-A
24.	Ringer Assembly.....	1	D-56329-B
25.	Screw, Condenser Bracket (6-32 x 1-1/9" RHIMS)....	2	_____
26.	Condenser, Mounting Bracket.....	1	H-47612-4
27.	Condenser (4 MF/7/10 MF).....	1	D-68640-A
28.	Screw, Terminal Strip Mounting (5-40 x 1 5/8" RHIMS)..	2	_____
29.	Bushing, Terminal Strip.....	1	D-750185-A
30.	Bracket, Induction Coil Mounting.....	1	D-730987-A
31.	Spacer, Induction Coil.....	2	D-17197-A
32.	Washer, Induction Coil Mounting Bracket.....	2	D-17366-C
33.	Screw, Bracket (6-32 x 1/4" RHIMS).....	2	_____
34.	Washer, Induction Coil.....	2	D-17468-A
35.	Screw, Induction Coil Mounting (5-40 x 1 7/16" RHIMS)..	2	_____
36.	Induction Coil.....	1	D-282996-B
37.	Keeper, Induction Coil.....	1	D-71561-A
38.	Bracket, Hook Switch Mounting.....	1	H-66551-26
39.	Spacer, Hook Switch.....	1	D-17528-A
40.	Screw, Hook Bearing.....	1	D-760217-A
41.	Spring, Hook Tension.....	1	D-109567-A
42.	Buffer, Switch Hook.....	1	D-75453-A

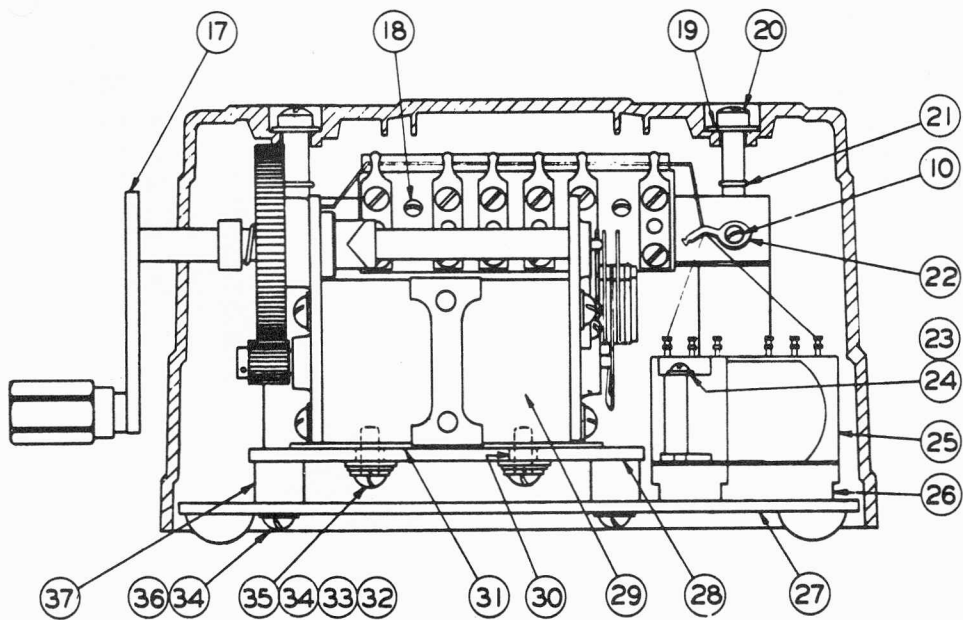
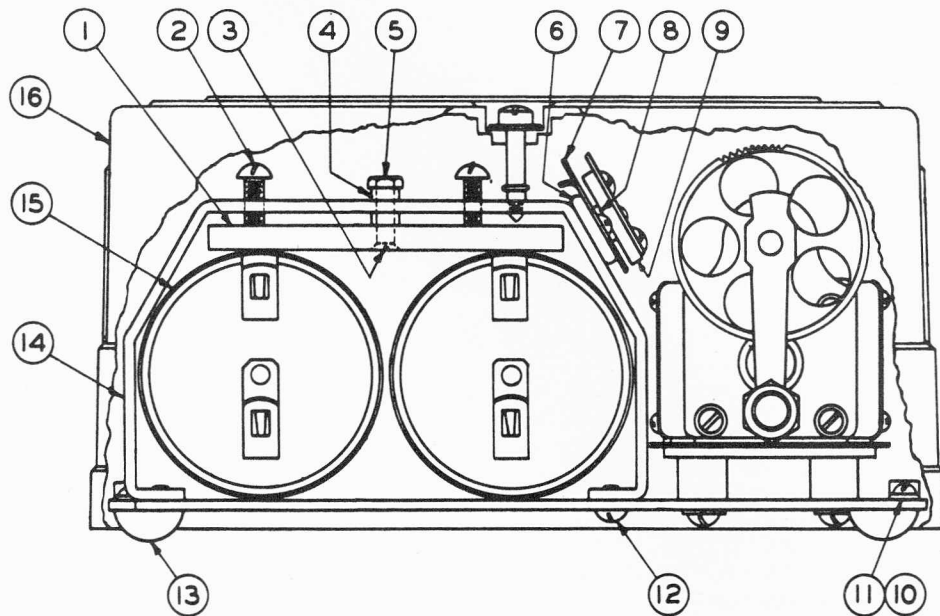
Outdoor Telephone



The Magneto Battery Box

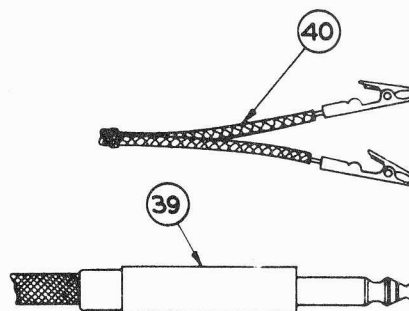
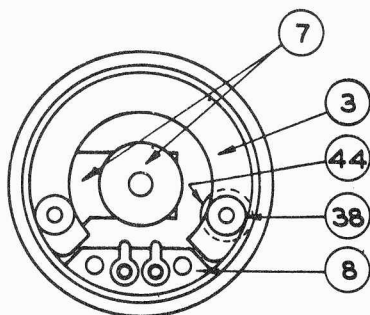
Fig. No.	Description	No. Req.	Order No.
1.	Clamping Block, Battery.....	1	H-88284-5
2.	Screws, Battery Clamping (10-32 x 5/8" RHIMS).....	4	_____
3.	Hex Nut Screw (6-32 x 7/8" RHIMS).....	2	_____
4.	Bushing, Hex Nut.....	2	H-88284-8
5.	Hex Nut, Battery Clamping (6-32).....	2	D-7701-A
6.	Terminal Strip, Mounting Plate.....	1	H-88284-7
7.	Insulator, Terminal Strip.....	1	D-440071-A
8.	Spacer, Terminal Strip.....	2	D-17197-A
9.	Terminal Strip.....	1	D-15807-B
10.	Screw, Terminal Strip Mounting (6-32 x 5/16" RHIMS)...	6	_____
11.	Holder, Cord.....	2	H-88284-6
12.	Screw, Battery Clamp Bracket Mounting (10-32 x 5/16" RHIMS).....	4	_____
13.	Rubber Bumper.....	2	C.O. 255
14.	Bracket, Battery Clamp.....	2	H-88284-3
15.	Batteries.....		Not Supplied
16.	Cover.....	1	D-49834-A
17.	Crank, Generator.....	1	H-88290-1
18.	Screw, Terminal Strip Mounting (6-32 x 3/8" RHIMS)...	2	_____
19.	Cupped Washer.....	2	D-17571-A
20.	Screw, Cover Locking.....	2	D-760590-A
21.	Ring, Locking Screw.....	2	H-88290-13
22.	Clamp, Wire Support.....	2	D-73261-C
23.	Screw, Choke Coil Mounting (5-50 x 1 1/16" RHIMS)....	2	_____
24.	Washer, Shake Proof.....	2	D-17468-A
25.	Choke Coil.....	1	D-283665-A
26.	Keeper, Choke Coil Arm.....	1	D-71561-A
27.	Baseplate.....	1	H-88284-2
28.	Plate, Generator Mounting.....	1	H-88290-11
29.	Hand Generator.....	1	D-9055-E
30.	Bushing, Generator Insulator.....	4	D-75065-A
31.	Insulator, Generator.....	1	D-440094-A
32.	Washer, Insulator.....	4	D-44947-A
33.	Washer.....	4	D-17016-B
34.	Lock Washer #10.....	8	D-17149-D
35.	Screw, Generator Mounting (10-32 x 1/2" RHIMS)....	4	_____
36.	Screw, Generator Mounting Plate (10-32 x 3/4" RHIMS)	4	_____
37.	Spacer, Generator Mounting Plate.....	4	H-88290-10

The Magneto Battery Box

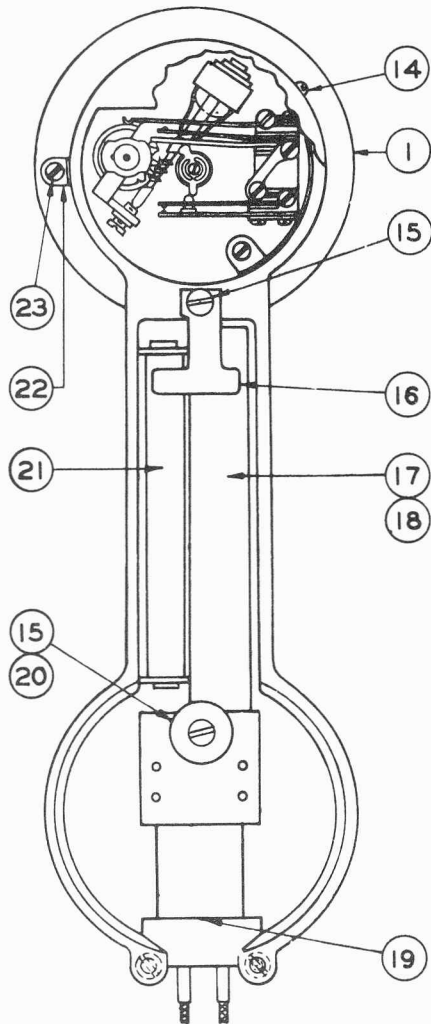


The Hand Test Telephone

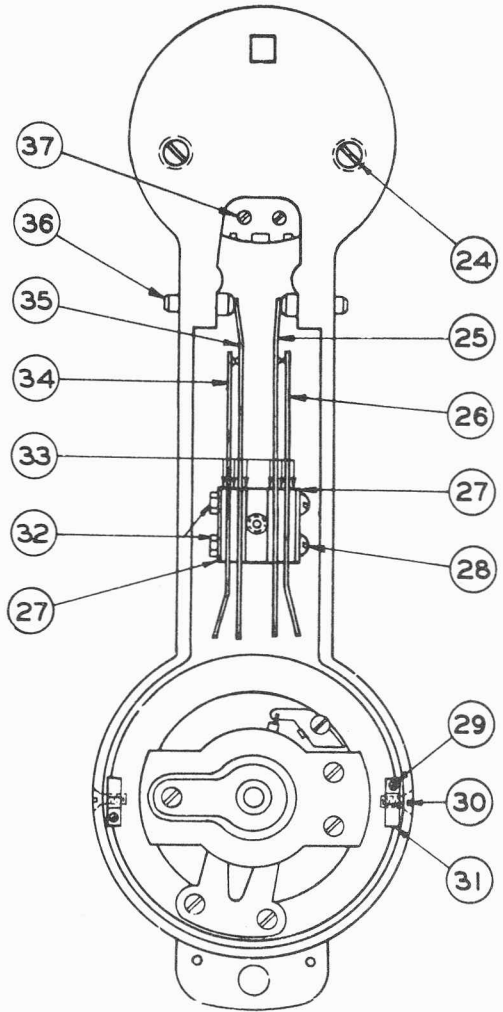
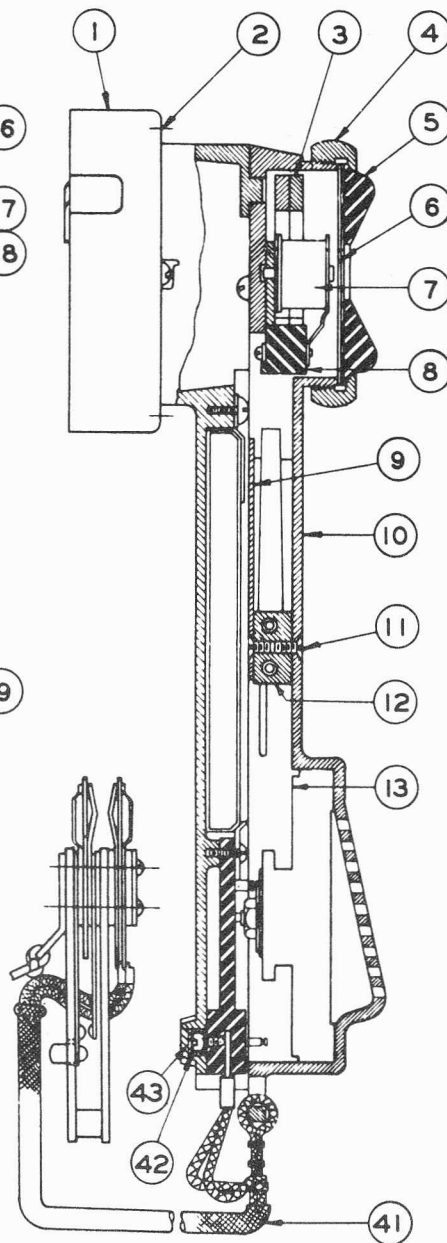
Fig. No.	Description	No. Req.	Order No.
1.	Dial Guard.....	1	D-78926-A
2.	Dial Guard Mtg. Screws (4-36 x 1/4" RHIMS).....	2	
3.	Permanent Magnet.....	2	D-56169-B
4.	Receiver Clamp Ring.....	1	D-65043-B
5.	Receiver Cap.....	1	D-67063-A
6.	Diaphragm.....	1	D-38194-A
7.	Magnet and Coil Assembly.....	1	D-281456-A
8.	Terminal Block.....	1	D-15422-A
9.	Cover for Spring Assembly.....	1	D-49215-A
10.	Front and Rear Shell.....	1	D-52037-B
11.	Screw (Mtg. Spring Comb. and Cover) (4-36 x 1/4")...	1	
12.	Mounting Block for Spring Comb.....	1	D-66627-A
13.	Transmitter Assembly.....	1	D-38269-A
14.	Screws for Mounting Dial (3-48 x 3/16" RHIMS).....	2	
15.	Screw (6-32 x 1/4" RHIMS).....	1	
16.	Clamp for Condenser and Coil.....	1	D-730385-A
17.	Cover for Condenser.....	1	D-49266-A
18.	Condenser .43/100 MF.....	1	D-68119-A
19.	Resistance Coil.....	1	D-281559-A
20.	Round Insulating Washer.....	1	D-44569-A
21.	Impedance Coil.....	1	D-281733-A
22.	Dial Mounting Bracket.....	1	D-730252-A
23.	Screw (4-36 x 3/16" RHIMS).....	2	
24.	Screw for Mounting Pole Pieces in Receiver (6-32 x 1 1/16" RHIMS).....	2	
25.	Spring.....	1	D-104346-A
26.	Spring.....	1	D-104348-A
27.	Two Hole Washer.....	1	D-1759-A
28.	Screw (4-36 x 7/8" RHIMS).....	2	
29.	Screw for Clamp Lug.....	2	D-76401-A
30.	Screw for Clamp Lug (4-36 x 1/4" FHIMS).....	2	
31.	Adjustable Clamp Lug.....	2	D-77115-A
32.	Hex. Nut.....	2	D-7721-B
33.	Insulators.....	6	D-44463-A
34.	Spring.....	1	D-104347-A
35.	Spring.....	1	D-104351-A
36.	Push Button Plunge.....	2	D-59091-A
37.	Screw (4-36 x 3/16" RHBrMS).....	2	
38.	Auxiliary Pole Space.....	2	D-63028-A
39.	Cord and Plug Assembly.....	1	D-542349-A
40.	Cord and Test Clip Assembly.....	1	D-542320-A
41.	Cord and Test Plug Assembly.....	1	D-542725-A
42.	Screw for Clamping Cord Tips (6-32 x 1/4" Fil. HIMS)..	2	
43.	Bushing.....	2	D-75601-A
44.	Washer Under Magnet.....	1	D-17197-A



The Hand Test Telephone



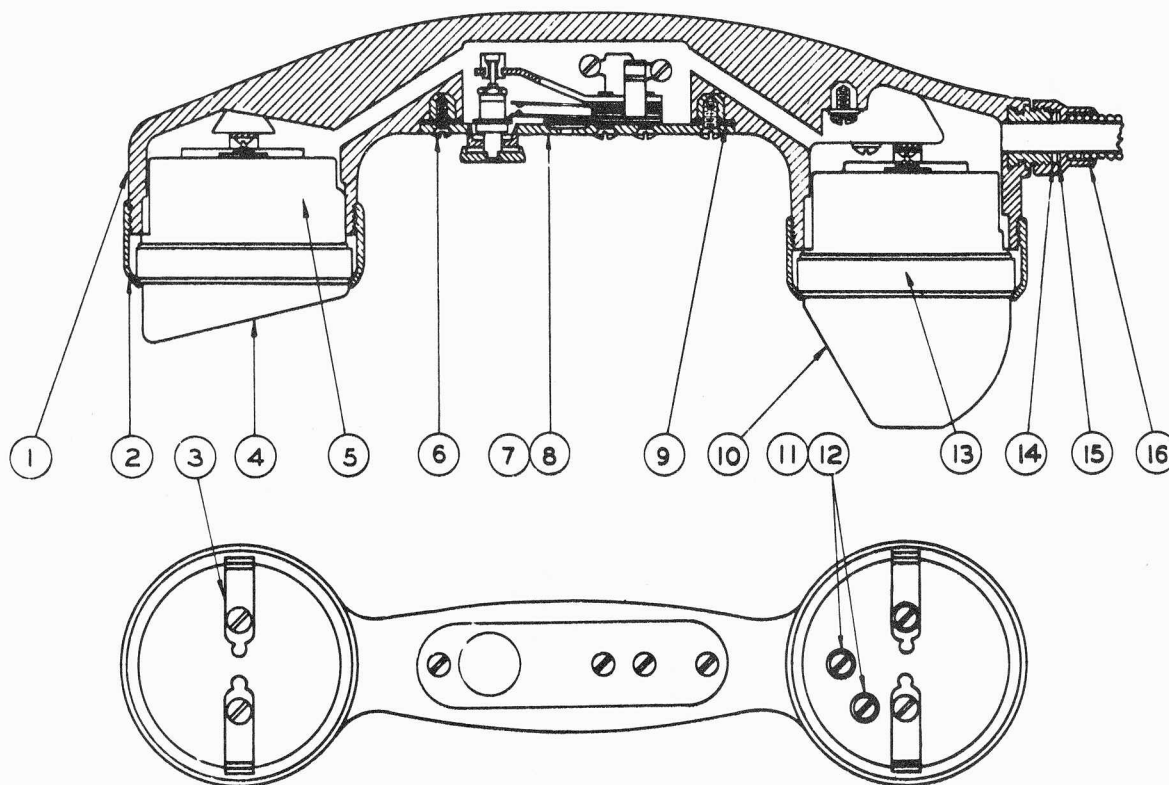
VIEW WITH FRONT
SHELL REMOVED



VIEW WITH REAR
SHELL REMOVED

Type 22 Sound-Powered Handset

Fig. No.	Description	No. Req.	Order No.
1.	Handset Shell.....	1	D-52098-A
2.	Trans. and Rec. Retaining Rings.....	2	D-65397-B
3.	Springs.....	2	D-109519-A
4.	Ear Piece.....	1	D-67324-A
5.	Receiver Capsule.....	1	D-51015-A
6.	Screws.....	2	D-76771-F
7.	Switch Assembly.....	1	D-731082-A
8.	Cover Plate (When Switch Not Used).....	1	D-780208-A
9.	Gasket.....	1	H-47807-12
10.	Mouthpiece.....	1	D-38305-A
11.	Screws.....	2	D-760158-A
12.	Lockwasher.....	2	D-17588-A
13.	Transmitter Capsule.....	1	D-38348-A
14.	Rubber Cord Grommet.....	1	D-67216-A
15.	Washer.....	1	H-47808-14
16.	Cord Guard and Spring.....	1	H-47807-5
	Handset Cord (Not Shown).....	1	H-56744-21



Type 27A Hard of Hearing and Type 27B Noisy Locations Handsets

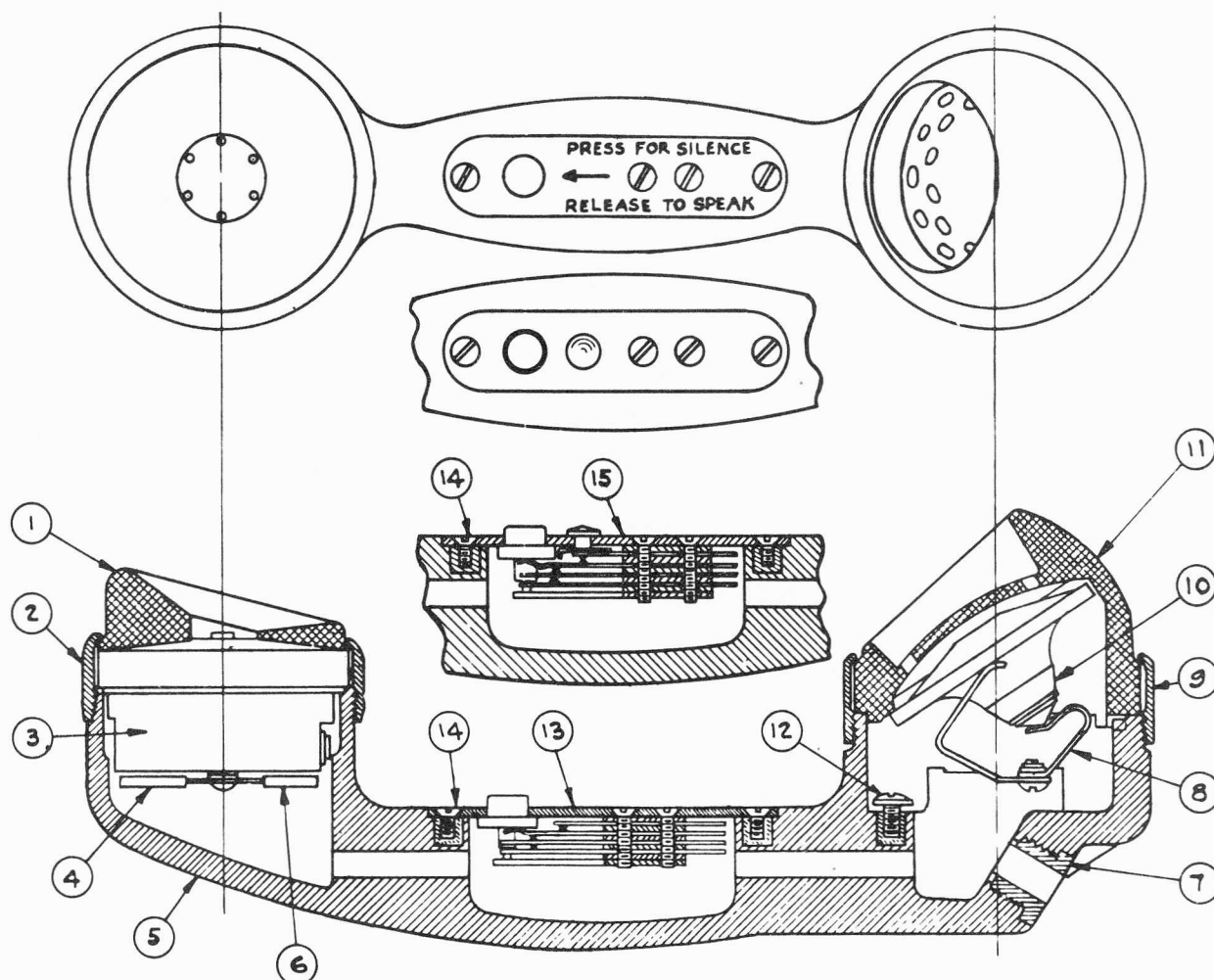
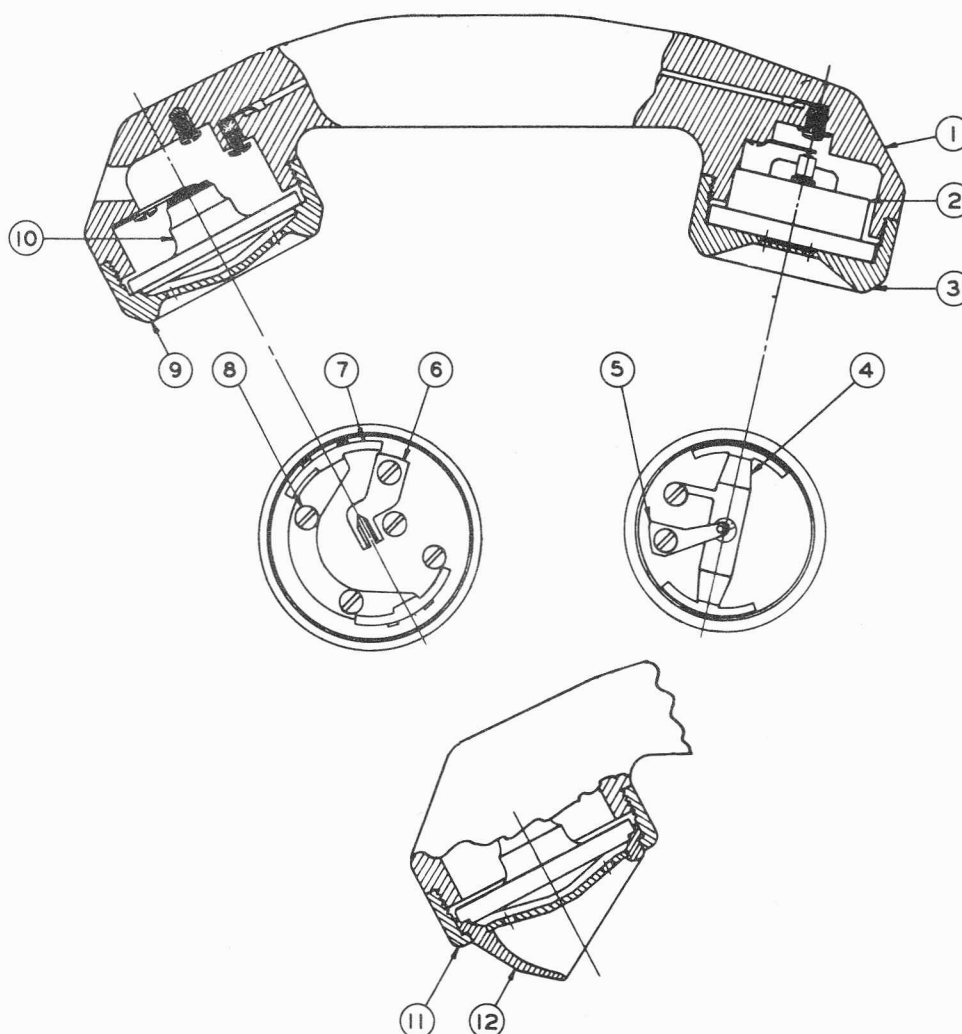


Fig. No.	Description	No. Req.	Order No.
1.	Cap, Receiver.....	1	D-67324-A
2.	Ring, Receiver Retaining.....	1	GH-76040-3
3.	Receiver.....	1	H-78094
4.	Coil, Resistance (200).....	1	D-283717-A
5.	Shell.....	1	D-52075-A
6.	Coil, Resistance (450).....	1	D-283718-A
7.	Bushing, Cord.....	1	D-75795-A
8.	Spring Assembly.....	1	D-109628-A
9.	Ring, Transmitter Retaining.....	1	D-65124-C
10.	Transmitter (27A).....	1	D-38363-A
	Transmitter (27B).....	1	D-38309-A
11.	Mouthpiece.....	1	D-28331-A
12.	Screw.....	5	D-76351-A
13.	Switch for Noisy Location (27A).....	1	D-731373-A
	Switch for Noisy Location (27A).....	1	D-731372-A
14.	Screw (F.H.M.).....	2	D-76974-A
15.	Switch for Noisy Location (27B).....	1	D-731373-B
	Lockwasher, Shakeproof (27B) (Not Shown).....	6	D-17387-C
	3 Cond. Cord Assembly (27A) (Not Shown).....	1	CD-350953
	4 Cond. Cord Assembly (27B) (Not Shown).....	1	CD-352053

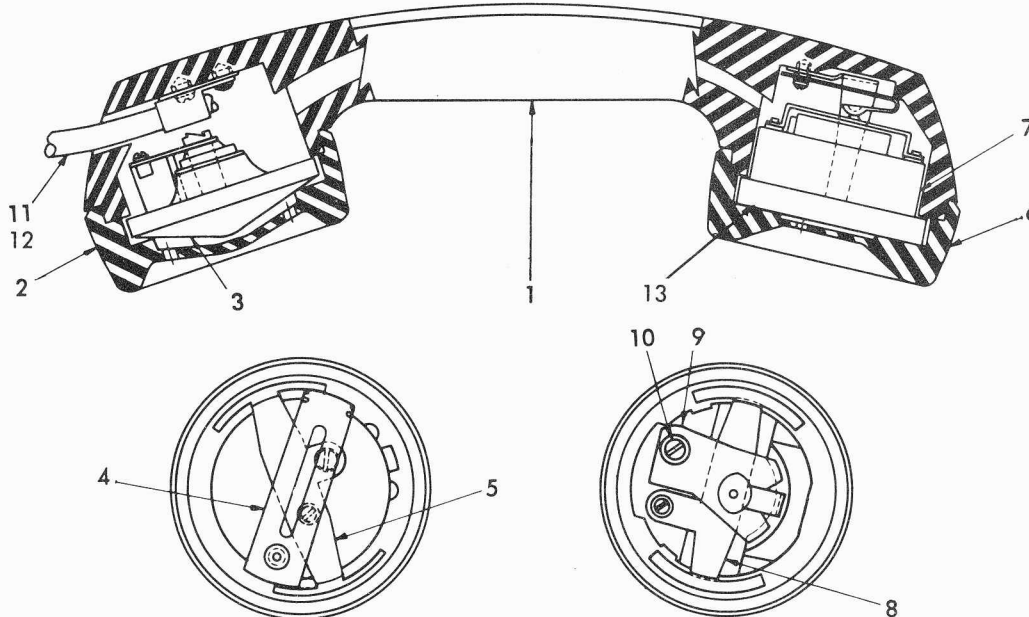
Type 41 Handset

Fig. No.	Description	No. Req.	Order No.
1.	Handset Shell	1	D-52137-A
2.	Receiver	1	D-51021-A
3.	Ear Cap	1	D-67304-A
4.	Receiver Clip Spring	1	D-109481-A
5.	Receiver Contact Spring	1	D-109482-A
6.	Transmitter Contact Spring	1	D-109483-A
7.	Transmitter Clip Spring	1	D-109484-A
8.	Screw	9	D-76351-A
9.	Mouthpiece	1	D-38306-A
10.	Transmitter	1	D-38363-A
11.	Retaining Ring (For Item 12 only)	1	D-65339-A
12.	Cupped Mouthpiece	1	D-38297-A
	Handset Cord 3-Cond. (Not Shown)	1	CD-350053



Type 81 Handset

Fig. No.	Description	No. Req.	Order No.
1.	Shell, Handset.....	1	See Chart Below
2.	Cap, Transmitter.....	1	See Chart Below
3.	Capsule, Transmitter.....	1	D-38363-A
4.	Spring, Transmitter.....	1	D-109794-A
5.	Spring, Transmitter.....	1	D-109756-A
6.	Cap, Receiver.....	1	See Chart
7.	Capsule, Receiver.....	1	D-51021-A
8.	Spring, Receiver.....	1	D-109757-A
9.	Spring, Receiver.....	1	D-109795-A
10.	Screw.....	5	D-76351-A
11.	Cord, Straight.....	1	See Chart Below
12.	Retractable Cord.....	1	See Chart Below
13.	Gasket, Cork, Rec. Cap (Colors Only).....	1	D-67457-A



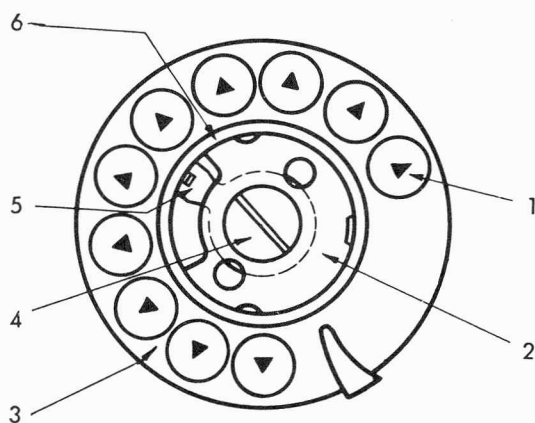
COLOR	(1)	(2)	(6)	(11) CD-364064	(12) D-543118
Black.....	D-52143-A	D-67422-A	D-67423-A	A	A
Sand Beige.....	D-52146-B	D-67442-B	D-67441-B		B
Dawn Grey.....	C	C	C		C
Jade Green.....	D	D	D		D
Classic Ivory.....	E	E	E		E
Garnet Red.....	F	F	F		F
Turquoise.....	G	G	G		G
Colonial Blue.....	H	H	H		H
Sunlight Yellow.....	J	J	J		J
Forget-Me-Not Blue.....	K	K	K		K
Camellia Pink.....	L	L	L		L
Gardenia White.....	M	M	M		M

Type	Color	(1) Housing Assem.	(2) Cradle Hole Cover	(3) Handset and Cord Assem.	(4) Dial Assembly			(5) Dial Hole Cover	(6) Volume Control Knob	(7) Line Cord	(8) Switch Hook and Bracket	(9) Extended Number Plate
					51-A	52 (1-0)	52 (ABC)					52 (Color)
80		D-49935-	D-49937-	L-9024-	D-84875-	D-84900-	D-84901-	D-49995-		CD-616075-		D-530167-
88		D-49972-	D-49937-	L-9024-		D-84912-	D-84913-	D-49995-	D-59274-			D-530167-
88A		D-49983-							D-59274-			
90		D-49976-		L-9024-	D-84900-	D-84901-	D-84901-	D-49995-			D-731542-	D-530167-
Loudspeaker		D-49973-								CD-620060-		
	Black	A	A	AO	A	A	A	A	A	A	A	A
	Extensicord			BO								
	Retractable Cord			CO								
	Sand Beige	B	B	C1	B	B	B	B	B	B	B	B
	Dawn Grey	C	C	C2	C	C	C	C	C	C	C	C
	Jade Green	D	D	C3	D	D	D	D	D	D	D	D
	Classic Ivory	E	E	C4	E	E	E	E	E	E	E	E
	Garnet Red	F	F	C5	F	F	F	F	F	F	F	F
	Turquoise	G	G	C6	G	G	G	G	G	G	G	G
	Colonial Blue	H	H	C7	H	H	H	H	H	H	H	H
	Sunlight Yellow	J	J	C8	J	J	J	J	J	J	J	J
	Forget-Me-Not Blue	K	K	C11	K	K	K	K	K	K	K	K
	Camellia Pink	L	L	C9	L	L	L	L	L	L	L	L
	Gardenia White	M	M	C0	M	M	M	M	M	M	M	M

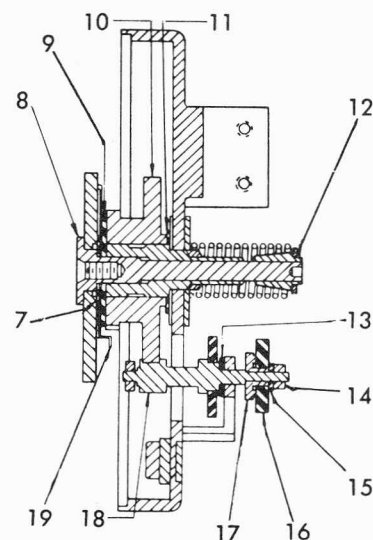
Type 51A and 52 Dial

Fig. No.	Description	No. Req.	Order Nos.		
			51A	52	
				Black	Color
1.	Dial Plate (Point Marking).....	1	D-530114-A		
2.	Dial Card Clamping Plate.....	1	D-78541-A	D-78541-A	D-780699-A
3.	Dial Finger Plate.....	1	D-780649-A	D-780649-A	D-780697-A*
4.	Finger Plate Mtg. Screw.....	1	D-76312-A	D-76312-A	D-760777-A
5.	Escutcheon Lock.....	1	D-5886-A	D-5886-A	D-780698-A
6.	Escutcheon Ring.....	1	D-65112-D	D-65112-D	D-65510-A
7.	Washer (Steel).....	1	D-17592-A	D-17592-A	D-17592-A
8.	Shaft and Pawl Assembly.....	1	D-46192-A	D-46192-A	D-46192-A
9.	Washer (Fibre).....	1	D-440297-A	D-440297-A	D-440297-A
10.	Ratchet Gear.....	1	D-4373-A	D-4373-A	D-4273-A
11.	Lower Thrust Washer.....	1	D-17219-A	D-17219-A	D-17219-A
12.	Main Spring Assembly.....	1	D-109112-A	D-109112-A	D-109112-A
13.	Washer Worm Wheel.....	1	D-17138-A	D-17138-A	D-17138-A
14.	Lock Nut.....	1	D-77333-A	D-77333-A	D-77333-A
15.	Lock Washer (Impulse Cam).....	1	D-17530-A	D-17530-A	D-17530-A
16.	Impulse Cam.....	1	D-83004-A	D-83004-A	D-83004-A
17.	Hub for Impulse Cam.....	1	D-82102-A	D-82102-A	D-82102-A
18.	Worm Gear Assembly.....	1	D-43042-A	D-43042-A	D-43042-A
19.	Pawl Lever.....	1	D-16356-A	D-16356-A	D-16356-A
20.	Finger Stop.....	1	D-33121-C	D-33128-A	D-33128-A
21.	Finger Stop Screw.....	1		D-760768-A	D-760768-A
22.	Mtg. Base Assembly.....	1	D-780300-A	D-780688-A	
23.	Governor Bearing Nut.....	1	D-77041-A	D-77041-A	D-77041-A
24.	Governor Cup.....	1	D-2791-A	D-2791-A	D-2791-A
25.	Governor Worm Gear.....	1	D-64057-A	D-64057-A	D-64057-A
26.	Governor Bearing Nut.....	2	D-77041-A	D-77041-A	D-77041-A
27.	Governor Screw Bearing.....	1	D-76313-A	D-76313-A	D-76313-A
28.	Nut for Finger Stop.....	2	D-7700-A	D-7700-A	D-7700-A
29.	Screw, Bearing and Stop Bkt. (Not Shown).....	2	D-760769-A	D-760769-A	D-760769-A
30.	Bearing and Stop Bkt.....	1		D-731513-A	D-731513-A
31.	Screw, No. Plt.....	3		D-760767-A	D-760767-A
32.	Escutcheon Locking Plate (Not Shown).....	1			D-780699-A
33.	Plate, Extended No. (Not Shown).....	1		See (9) page 26	
34.	Cover—Transparent.....	1	D-53176-A	D-53176-A	D-53176-A
35.	Rd. Iron Washer.....	1			D-17630-A
36.	Dial Card.....	1	D-52630	D-53620	D-530182-A

*Dial Finger Plate, Clear Plastic

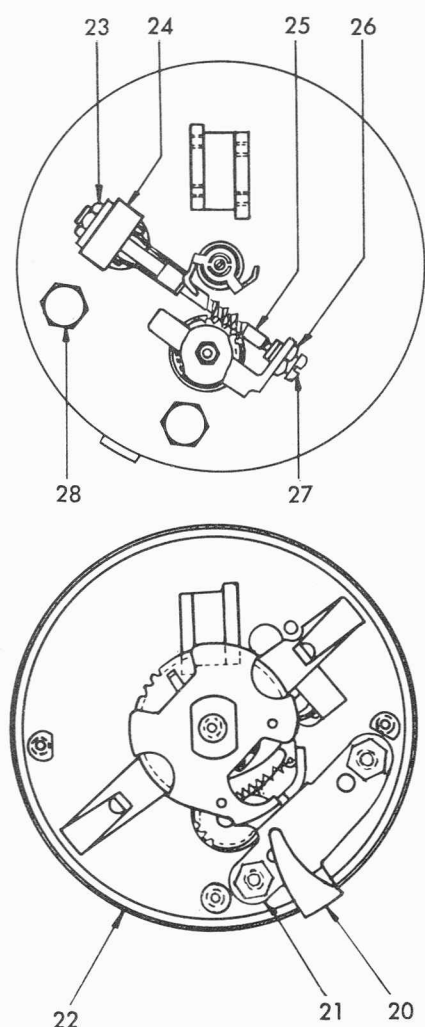


Type 51A and 52 Dial Assembly

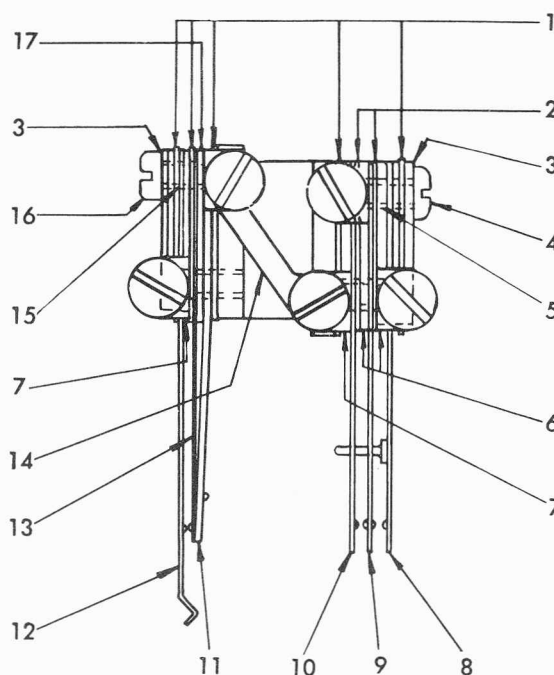


Dial Spring Combination

Fig. No.	Description	No. Req.	Order No.
1.	Double Hole Insul. Washer.....	5	D-440292-A
2.	Double Hole Insul. Washer.....	2	D-440292-B
3.	Clamp Washer.....	2	D-17217-A
4.	Screw.....	2	D-76705-F
5.	Bushing.....	1	D-75168-A
6.	Terminal Assembly.....	2	D-15453-A
7.	Terminal Assembly.....	2	D-15465-A
8.	Shunt Spring.....	1	D-103772-A
9.	Shunt Spring.....	1	D-103774-A
10.	Shunt Spring.....	1	D-103775-A
11.	Stop Spring Assembly.....	1	D-109784-A
12.	Impulse Spring.....	1	D-103778-A
13.	Impulse Spring.....	1	D-103777-A
14.	Terminal Link.....	1	D-6138-A
15.	Bushing.....	1	D-75511-A
16.	Screws.....	2	D-76705-E
17.	Double Hole Washer.....	1	D-17216-B



Type 51A and 52 Dial Assembly



Dial Spring Combination

Type 32 Ringer Box

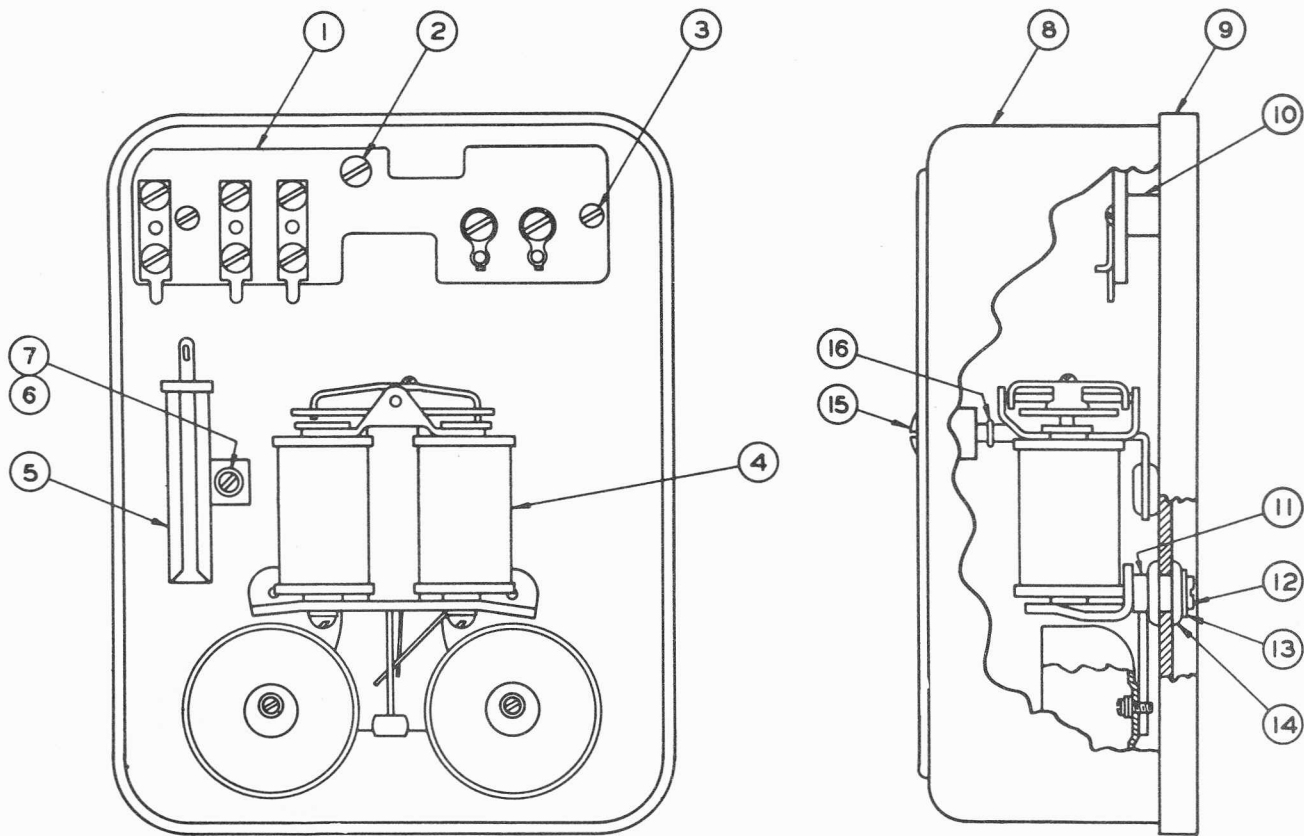


Fig. No.	Description	No. Req.	Order No.
1.	Terminal Strip (43—83).....	1	D-15834-A
	Terminal Strip (47).....	1	D-15923-A
2.	Screw (8-32 x 3/16" RHIMS).....	1	
3.	Screw, Terminal Strip Mounting (5-40 x 1/2" RHIMS)...	1	
4.	Ringer (Straight Line).....	1	D-56515-A
5.	Condenser (0.4 MF).....	1	D-68262-A
6.	Lockwasher (Shakeproof).....	1	D-17468-A
7.	Screw, Condenser Mounting (5-40 x 1/4" RHIMS).....	2	
8.	Cover, Ringer Box.....	1	D-49488-A
9.	Base, Ringer Box.....	1	D-47865-A
10.	Bushing, Strip Terminal.....	2	D-75204-A
11.	Spacer, Ringer Mounting.....	2	D-65462-A
12.	Screw, Ringer Mounting.....	2	D-760648-A
13.	Washer, Ringer Mounting.....	2	D-17428-A
14.	Grommet, Ringer Mounting.....	2	D-75887-A
15.	Screw, Cover Locking.....	2	D-76655-A
16.	Lock Ring, Cover Screw.....	2	D-65270-A

(For Type 32 Ringer Box for use with Type 1A and 21 Telephones, see page 32.)

High-Impedance Ringers

HARMONIC

Fig. No.	Description	Order No.
1.	Clapper Arm Reeds.....	See chart below
2.	Clapper Assembly.....	D-56530-B
3.	Nut.....	D-7734-A
4.	Screw.....	D-760645-A
5.	Washer.....	D-1772-A
6.	Knurled Nut.....	D-77360-A
7.	Post.....	D-36091-A
8.	Yoke Assembly.....	D-67430-A
9.	Clapper Weight.....	See chart below
10.	Set Screw.....	D-7684-A
11.	Coil Right.....	See chart below
12.	Coil Left.....	See chart below
13.	Spacer-Heel Piece (On 60, 66, 66.6 frequencies only)...	D-65501-A
14.	Screw, Coil.....	8-32 x 3/8" RHIMS
15.	Lockwasher.....	D-17195-E
16.	Ringer Magnet.....	D-56497-B
17.	Heel Piece.....	D-63196-A
18.	Gong (light).....	D-56522-A
19.	Gong (heavy).....	D-56523-A
20.	Screw-Gong.....	D-760646-A
21.	5 Lockwasher-Gong.....	D-17464-C
22.	Condenser.....	See chart below
23.	Hex. Nut.....	D-7700-A

STRAIGHT-LINE

Fig. No.	Description	Order No.
1.	Adjusting Wheel.....	D-65494-A
2.	Shoulder Bushing.....	D-750221-A
3.	Spring Washer.....	D-17619-A
4.	Screw.....	D-760731-A
5.	Armature Assembly.....	D-56521-A
6.	Screw.....	4-40 x 5/16" RHIMS
7.	Ringer Magnet.....	D-56497-B
8.	Coil Right.....	D-283749-A
9.	Coil Left.....	D-283750-A
10.	Washer.....	D-17195-E
11.	Screw.....	8-32 x 3/8" RHIMS
12.	Bias Tension Arm.....	D-109705
13.	Heel Piece.....	D-63196-A
14.	Condenser 4/10 MF.....	D-68693-AR
15.	Hex. Nut.....	D-7700-A
16.	Gong (light).....	D-56522-A
17.	Gong (heavy).....	D-56523-A
18.	Washer.....	D-17464-C
19.	Screw.....	D-760646-A
20.	Armature Adjusting Plate...	D-780544-A
21.	Yoke.....	D-67428-A

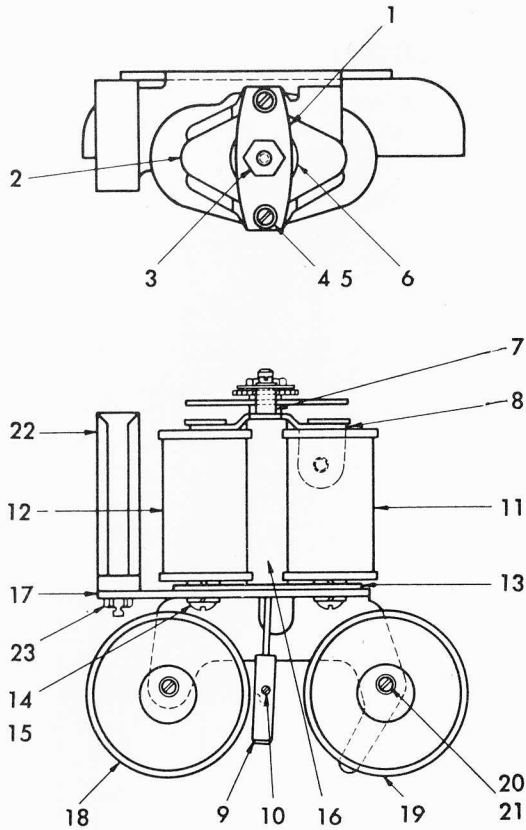
RINGER FREQUENCY SUFFIX INDEX

Frequency	Description	Order No.	Frequency	Description	Order No.
SL	With Adjusting Wheel.....	D-56548-ASAR	40	Decimonic.....	D-56548-A40R
SL	Without Adjusting Wheel.....	D-56548-ASLR	42	Harmonic.....	D-56548-A42R
16.6	Harmonic.....	D-56548-A16R	50	Harmonic.....	D-56548-A50R
20	Harmonic and Decimonic.....	D-56548-A20R	50	Decimonic.....	D-56548-A51R
25	Harmonic.....	D-56548-A25R	54	Harmonic.....	D-56548-A54R
30	Harmonic and Decimonic.....	D-56548-A30R	60	Decimonic.....	D-56548-A60R
33.3	Harmonic.....	D-56548-A33R	66	Harmonic.....	D-56548-A66R
			66.6	Harmonic.....	D-56548-A67R

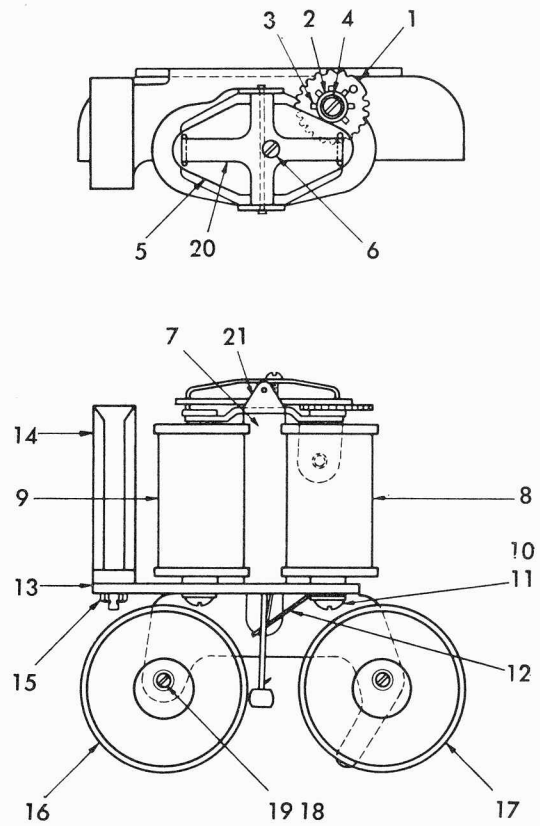
FOLLOWING PARTS VARY AT DIFFERENT FREQUENCIES, AS SHOWN.

Frequency Cycles	16.6	25	33.3	50	66.6	20	30	42	54	66	40	60
(1) Clapper Arm Reeds	D-10740-B	D-10740-A	D-10740-A	D-10740-A	D-10693-B	D-10740-B	D-10740-A	D-10740-A	D-10693-A	D-10693-B	D-10740-A	D-10693-A
(9) Clapper Weight	D-56534-A	D-56524-C	D-56526-C	D-56528-C	D-56528-B	D-56524-B	D-56526-A	D-56525-B	D-56528-A	D-56528-B	D-56526-B	D-56528-B
(11) Coil Right	D-283749-A	D-283749-A	D-283749-A	D-283749-A	D-284124-A	D-283749-A	D-283749-A	D-283749-A	D-283749-A	D-284124-A	D-283749-A	D-284124-A
(12) Coil Left	D-283750-A	D-283750-A	D-283750-A	D-283750-A	D-284123-A	D-283750-A	D-283750-A	D-283750-A	D-283750-A	D-284123-A	D-283750-A	D-284123-A
(22) Condenser	D-68695-AR 7/10 MF	D-68692-AR 3/10 MF	D-68691-AR 2/10 MF	D-68690-AR 8/100 MF	D-68690-AR 8/100 MF	D-68695-AR 7/10 MF	D-68691-AR 2/10 MF	D-68690-AR 8/100 MF	D-68690-AR 8/100 MF	D-68690-AR 8/100 MF	D-68690-AR 8/100 MF	D-68690-AR 8/100 MF

High-Impedance Ringers



HARMONIC



STRAIGHT-LINE

Type 32 Ringer Box

(For Type 1A Monophone
and Type 21 Desk Stands)

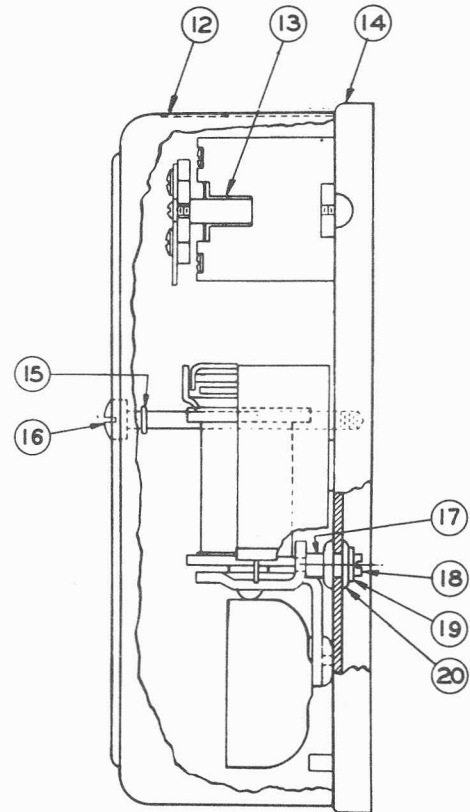
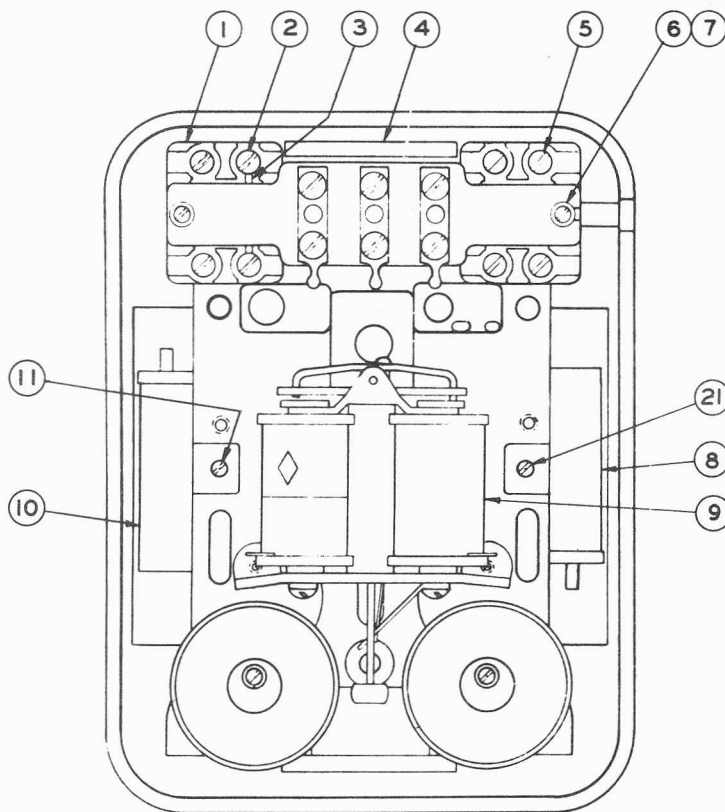


Fig. No.	Description	Order by No.
1	Induction Coil.....	D-282155-A
2	Terminal Screws (7).....	D-76279-A
3	Terminal Strip.....	D-15645-A
4	Terminal and Tie Cord Screw.....	D-76283-A
5	Washer.....	D-1724-A
6	Condenser and Term. Strip Mtg. Screw...	5-40 x 1/4" RHIMS
7	Link.....	D-61050-A
8	Transmission Condenser.....	D-68247-B
9	Ringer—Straight-Line.....	D-56515-A
10	Ringing Condenser.....	Specify Ringer Frequency

Fig. No.	Description	Order by No.
11	Condenser Mtg. Screw.....	5-40 x 1/4" RHIMS
12	Cover.....	D-49488-A
13	Mtg. Stud (2).....	D-19195-A
14	Base.....	D-47865-A
15	Locking Ring for Cover Screw.....	D-65270-A
16	Cover Screw.....	D-76655-A
17	Spacer for Mtg. Ringer (2).....	D-65462-A
18	Ringer Mtg. Screw (2).....	D-760648-A
19	Ringer Mtg. Washer (2).....	D-17428-A
20	Grommet for Mtg. Ringer (2).....	D-75887-A
21	Condenser Mtg. Screw.....	5-40 x 1/4" RHIMS

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