

REPLACEMENT PARTS

for

RAILROAD TELEPHONE EQUIPMENT

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AUTOMATIC ELECTRIC

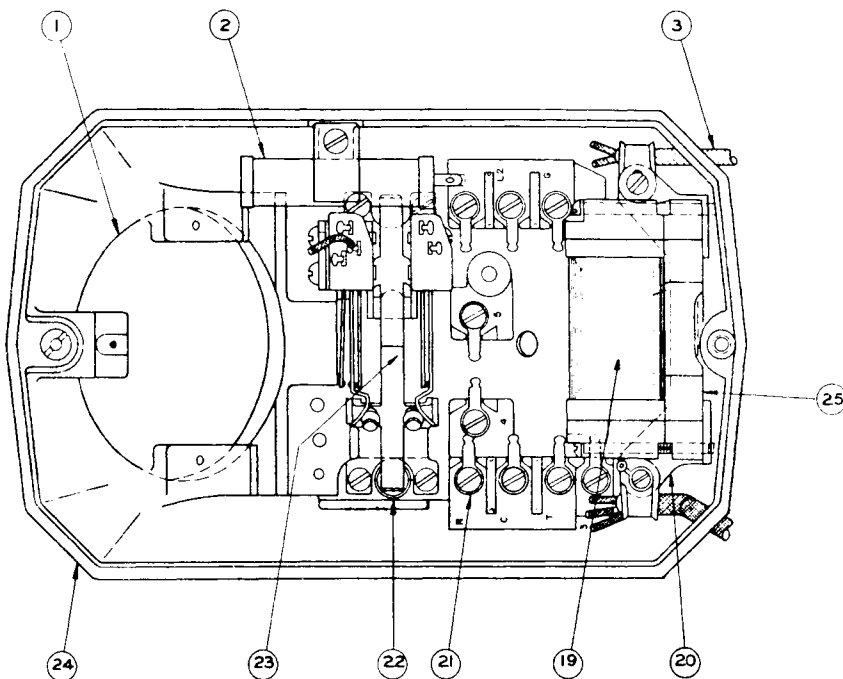
Subsidiary of

GENERAL TELEPHONE & ELECTRONICS



Type 40 Desk Telephone

Part Nos. N-4069 (less ringer), N-4070 (with ringer)

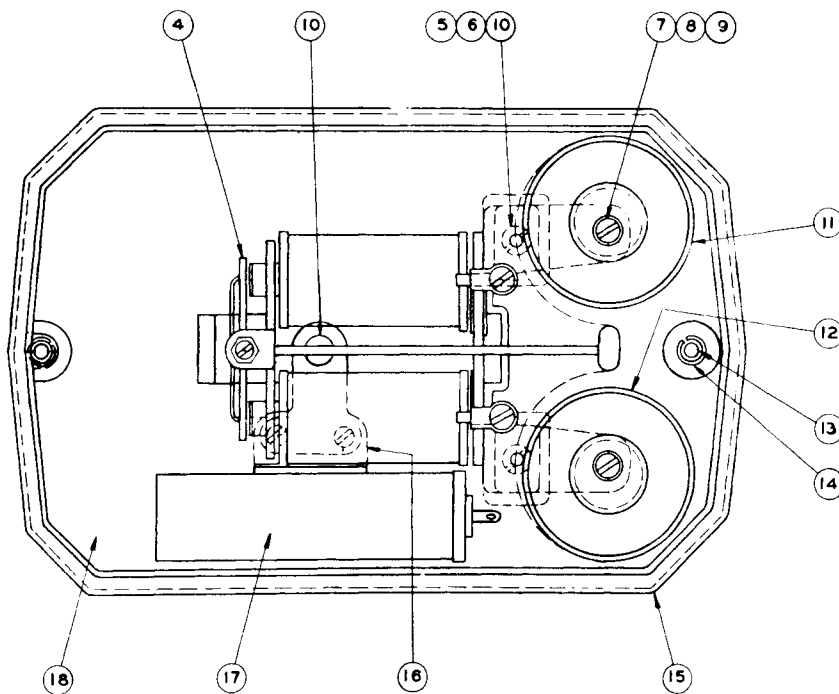


Circuit Labels:

D-53998 (less ringer)

D-53006 (with filter)

D-54999 (with ringer)



DO NOT ORDER BY ABOVE NUMBERS - SEE TABLE

Type 40 Desk Telephone

Item No.	Description	Order by No.
1	Dial Hole Cover Assembly	D-49607-A
2	Condenser (.5mf)	D-68270-A
3	Desk Set Cord	CD-601072
4	Ringer Assembly (complete)	D-56502-A
5	Washer (Ringer Bracket) (2)	D-17445-A
6	Screw (Ringer Bracket) (2)	D-760068-A
7	Shakeproof Lockwasher (Gong) (2)	D-17464-A
8	Fil H Screw (Gongs) (2)	D-760099-A
9	Gong Spacer (2)	D-65334-A
10	Rubber Washer (Ringer Mtg.) (4)	D-17443-A
11	Gong (Heavy)	D-56439-A
12	Gong (Light)	D-56438-A
13	Screw for Baseplate	D-760069-A
14	Lock Ring	D-65270-A
15	Neoprene Cushion	D-67251-A
16	Bracket (Condenser)	D-731018-B
17	Condenser (2.0 mf)	D-68654-A
18	Baseplate	D-780093-B
19	Induction Coil	D-283022-AR
20	Mounting Bracket for Ind. Coil	D-730987-A
21	Screw (Terminals) (9)	D-76279-A
22	Plunger (Tele. Sw) (2)	D-67313-C
23	Telephone Switch Spg. Assem.	D-735275-B
24	Base (Black)	D-47945-AR
25	Armature Assem. (Keeper)	D-71561-A
Not Shown	Line & Cord Term. Blk Assem. Mtg. Block Hand Lift Handset	D-150002-A D-660189-A L-878-DO

Type 60 Wall Telephone

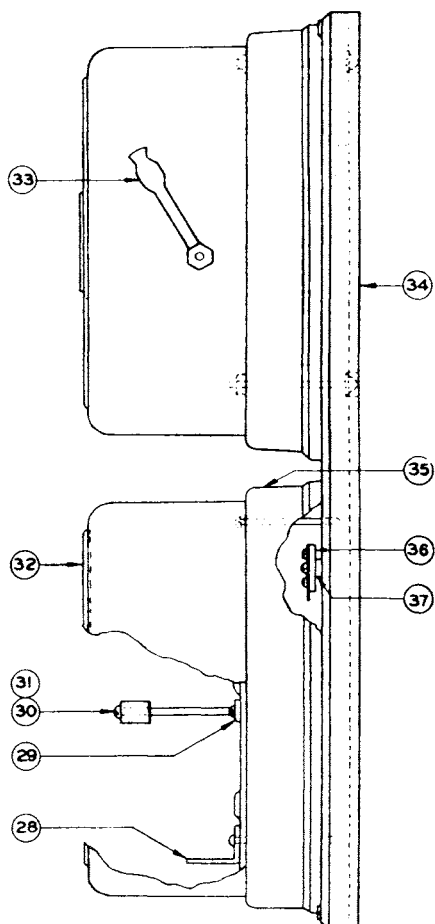
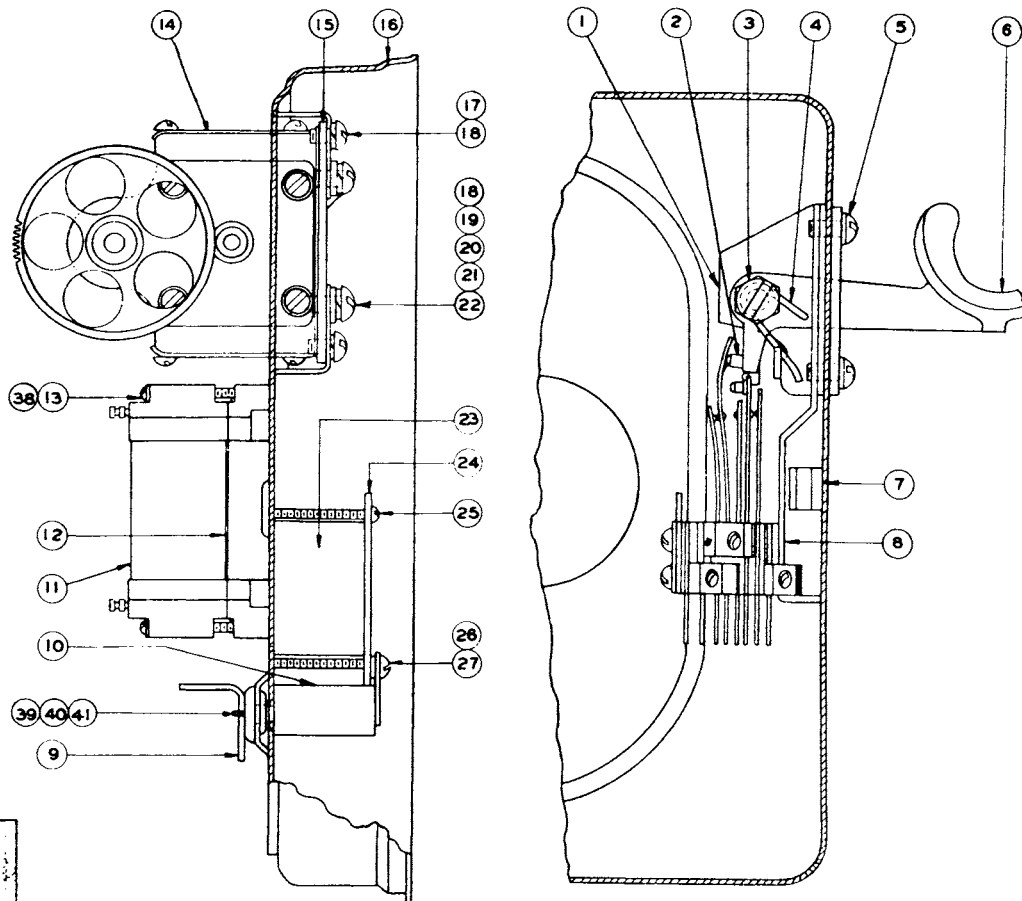
Part No. L-653

Circuit Labels:

D-530039 (less ringer)

D-530060 (with filter)

D-53983 (with ringer)



Self-Contained Booth Telephone

Part No. H-87753

Circuit Label H-87753-4

BOTH INSTRUMENTS USE HANDSET - L-878-DO

DO NOT ORDER BY ABOVE NUMBERS - SEE TABLE



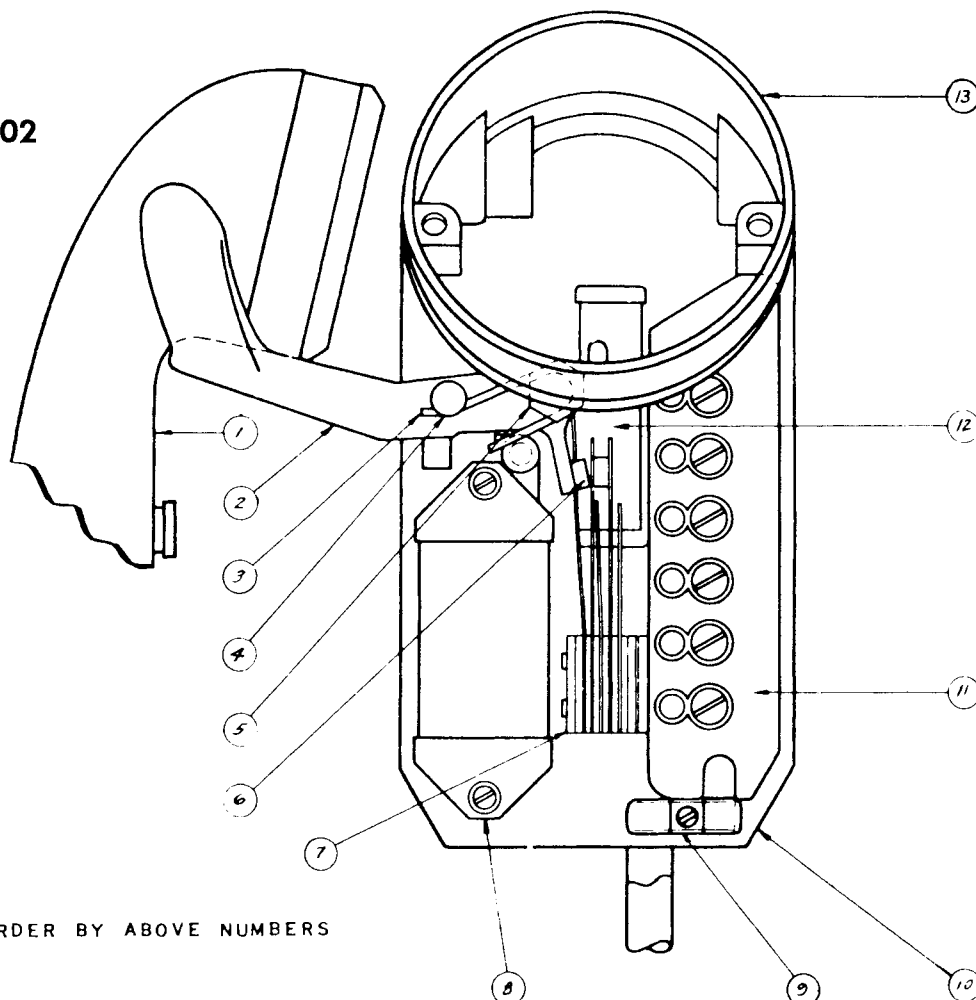
Type 60 Wall Telephone Self-Contained Booth Telephone

Item No.	Description	Order by No.
1	Mounting Bracket	D-731356-A
2	Buffer for Switch Hook	D-75453-A
3	Hook Bearing Screw	D-760217-A
4	Spring	D-109567-A
5	Iron Screw (2)	D-76744-E
6	Switch Hook	D-62133-A
7	Cover and Hinge Assembly	D-49836-B
8	Hook Spring and Bracket Assembly	D-731355-B
9	Ringer Mounting Bracket	D-731353-A
10	Condenser (.5 mf)	D-68270-A
11	Induction Coil Assembly	D-283022-AR
12	Armature Assem. (Keeper)	D-71561-A
13	Induction Coil Screws (2)	5-40 x 1 1/2 RHIMS
14	Hand Generator	D-9055-E
15	Adapter Plate for Generator	D-65453-A
16	Base	D-47968-A
17	Adapter Screws - (4)	10-32 x 1/4 RHIMS
18	Adapter & Generator Lockwashers (8)	D-17149-D
19	Insulator Washer - (4)	D-44947-A
20	10 Washer, Adapter	D-17016-B
21	Generator Screws - (4)	10-32 x 7/16 RHBRMS
22	Bushing - (4)	D-75065-A
23	Condenser (2 mf)	D-68565-A
24	Condenser Bracket	D-731352-A
25	Condenser Screw	6-32 x 1 1/4 RHIMS
26	Condenser Screw	6-32 x 1 3/8 RHIMS
27	Condenser Washer	D-1753-A
28	Angle for Battery	H-87753-14
29	Mounting Strip for Battery	H-87753-13
30	Clamp for Battery	H-87753-12
31	Screw for Clamp	8-32 x 3 1/4 RHIMS
32	Cover Assembly	H-87753-18
33	Generator Crank	H-88290-14
34	Base	H-87753-11
35	Baseplate for Battery Box	H-87753-5
36	Terminal Strip	D-15807-B
37	Washer for Terminal Strip	D-17197-A
38	#5 Shakeproof Lock Washer	D-17468-A
39	Washer	D-17443-A
40	Grommet	D-17445-A
41	Shoulder Screw	D-760068-A
	Cover Locking Screw (Not Shown)	D-76398-A
	Ringer Assembly Complete Ringer Bracket Gong (Heavy) Gong (Light) Lockwashers for Gong (2) Screws for Gong (2) Screws for Ringer (2) Ringer Parts Not Shown	D-56502-F D-731085-A D-56478-A D-56478-B D-17149-D 10-32 x 3/8 RHIMS 8-32 x 5/16 RHIMS

Type 43 Compact Telephone

Part No. L-3001

Circuit Label D-530002



DO NOT ORDER BY ABOVE NUMBERS

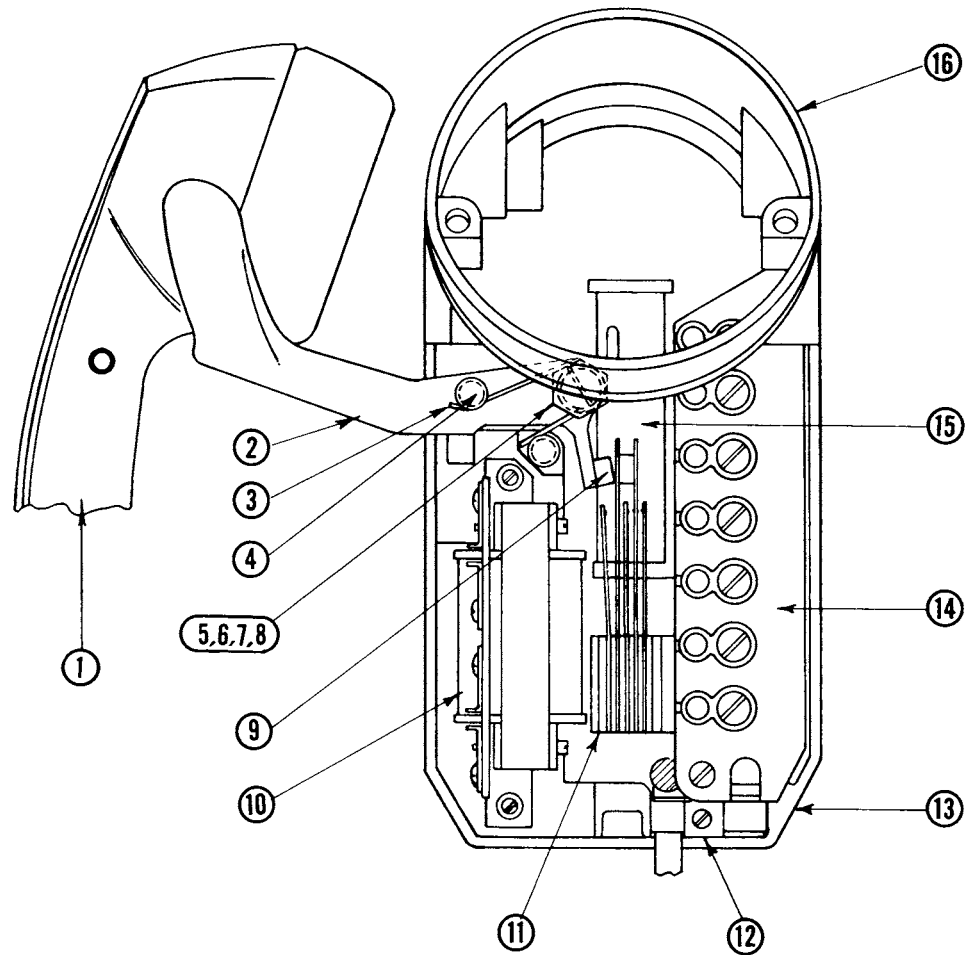
SEE TABLE BELOW

Item No.	Description	Order by No.
1	Handset	L-878-DO
2	Switch Hook	D-62123-A
3	Spring	D-109547-A
4	Shoulder Pin	D-37467-A
5	Hook Bearing Screw	D-760217-A
6	Buffer for Switch Hook	D-75453-A
7	Switch Assembly	D-735271-A
8	Induction Coil	D-283022-A
9	Cord Clamp	D-731135-A
10	Box Assembly	D-48334-A
11	Terminal Strip Assembly	D-15852-A
12	Condenser (.5 mf)	D-68270-A
13	Dial Blank (not shown)	D-49607-A

Type 83 Compact Telephone

Part No. L-8302

Circuit Label D-530246



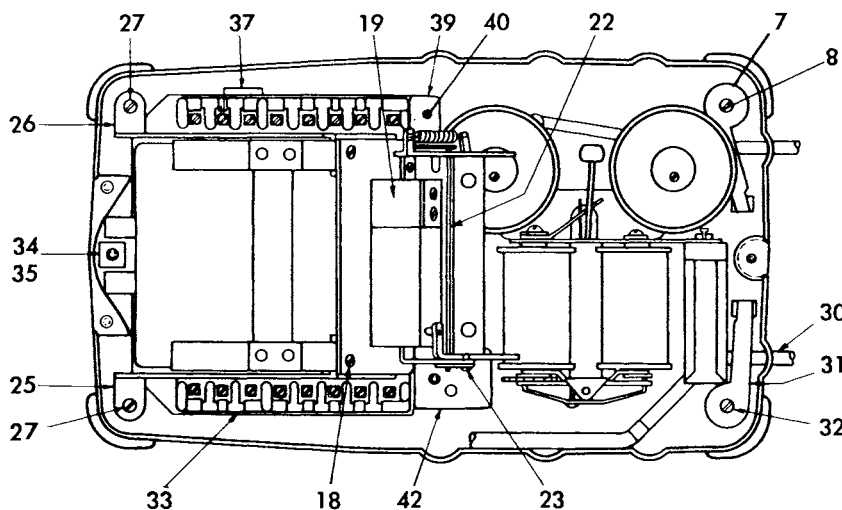
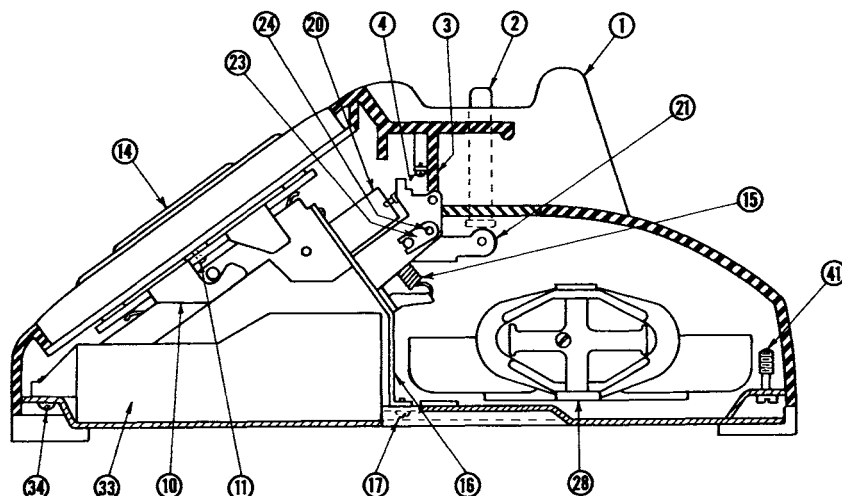
Item No.	Description	Order by No.
1	Handset and Retractable Cord	L-9030-CO
2	Switch Hook	D-62123-A
3	Spring	D-109547-A
4	Shoulder Pin, Switch Hook (2)	D-37467-A
5	Washer, Switch Hook	D-17601-A
6	Washer, Switch Hook	D-17602-A
7	Bushing, Switch Hook	D-750218-A
8	Screw, Switch Hook	D-760707-A
9	Buffer, Switch Hook	D-75453-A
10	Induction Coil	D-284263-B
11	Switch	D-735271-A
12	Cord Clamp	D-731135-A
13	Housing	D-48350-A
14	Terminal Strip	D-15852-A
15	Capacitor, .5 mf	D-68270-A
16	Dial Blank (not shown)	D-49607-A

Type 80 Desk Telephone

Part No. L-8009

Circuit Labels: D-530282 (with ringer)

D-530284 (with filter)



Item No.	Description	Order by No.
1	Housing Assembly	D-49935-A
2	Plunger, Hookswitch (2)	D-67586-A
3	Cover, Cradle Hole	D-49937-A
4	Screw, 6-32 x 3/8" PKF RHS	

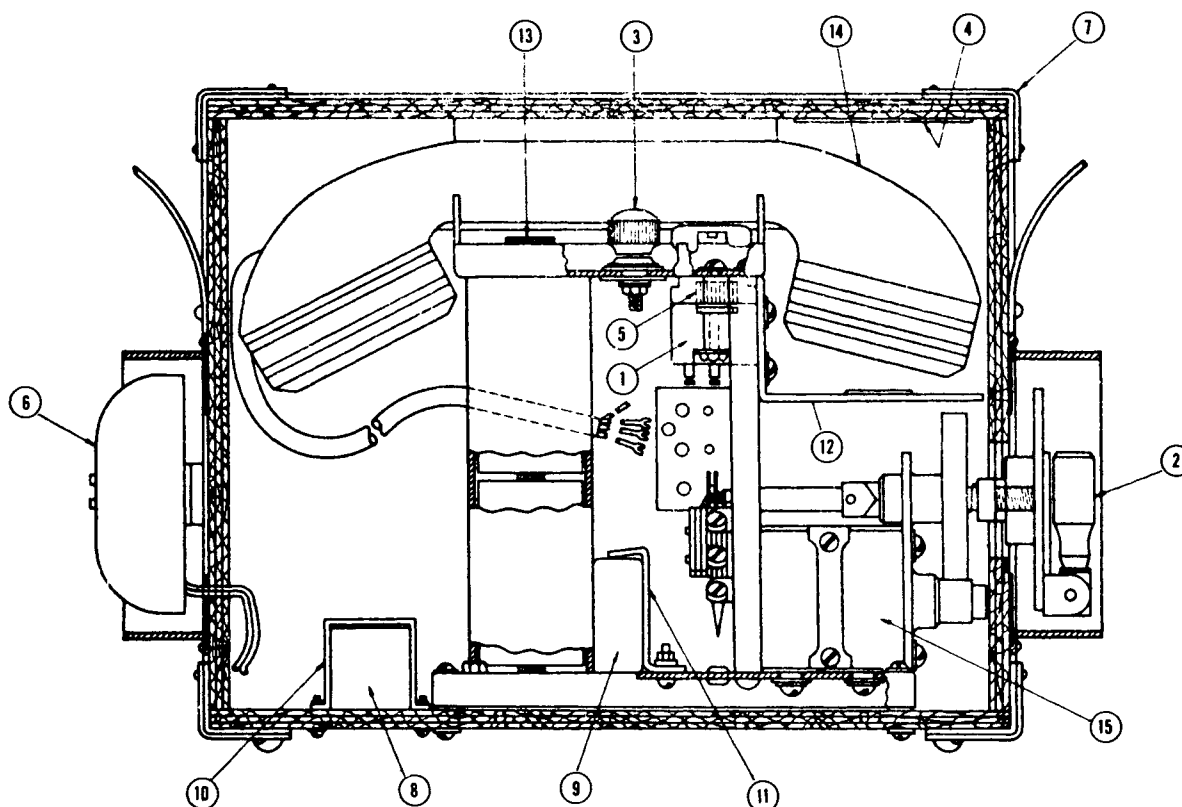
Type 80 Desk Telephone (Cont'd)

Item No.	Description	Order by No.
6	Handset Assembly	L-9030-CO
7	Clamp, Cord (2)	D-731490-A
8	Screw, Clamp (4)	D-760733-A
10	Bracket, Mounting	D-731543-A
11	Screw (3)	D-760730-A
14	Dial Blank Assembly	D-49996-A
	Escutcheon Ring	D-65112-D
	Card, Number	D-53620-A
	Cover, Clear	D-53176-A
	Plate, Clamping	D-78541-A
15	Spring, Coil	D-109780-A
16	Bracket, Mounting (Center Switch)	D-731471-A
17	Screw	D-760764-A
18	Screw, Switch and Center Bracket	D-760732-A
19	Switch Assembly	D-735306-A
20	Cover, Dust	D-49928-A
21	Lever and Buffer Assembly, Hookswitch	D-16360-A
22	Pin, Bearing	D-37592-A
23	Pin, Lock	D-58062-A
24	Screw, 3-48 x 3/16" BDG HIMS	
25	Bracket, Mounting (Right)	D-731469-A
26	Bracket, Mounting (Left)	D-731470-A
27	Screw (2)	Same as 8
28	Ringer Assembly	D-56566-B
	Screw (3)	D-760735-A
	or Waystation Filter Unit	D-283895-A
	Screw, 6 x 1/4 PK Z RHS (2)	
30	Cord, Line	CD-618075
31	Clamp, Line Cord	Same as 7
32	Screw, Clamp	Same as 8
33	Transmission Network Assembly	D-38376-A
34	Screw	D-760734-A
35	Nut	D-77389-A
37	Clamp, Wire	D-731510-A
38	Plate, Base	D-780659-G
39	Clamp	D-731491-A
40	Screw, 6-32 x 3/16" RHIMS (2)	
41	Screw (3)	D-760719-A
42	Block, Mounting	D-660256-A

Type 10 Portable Telephone

Part No. L-7021

Circuit Label D-53728



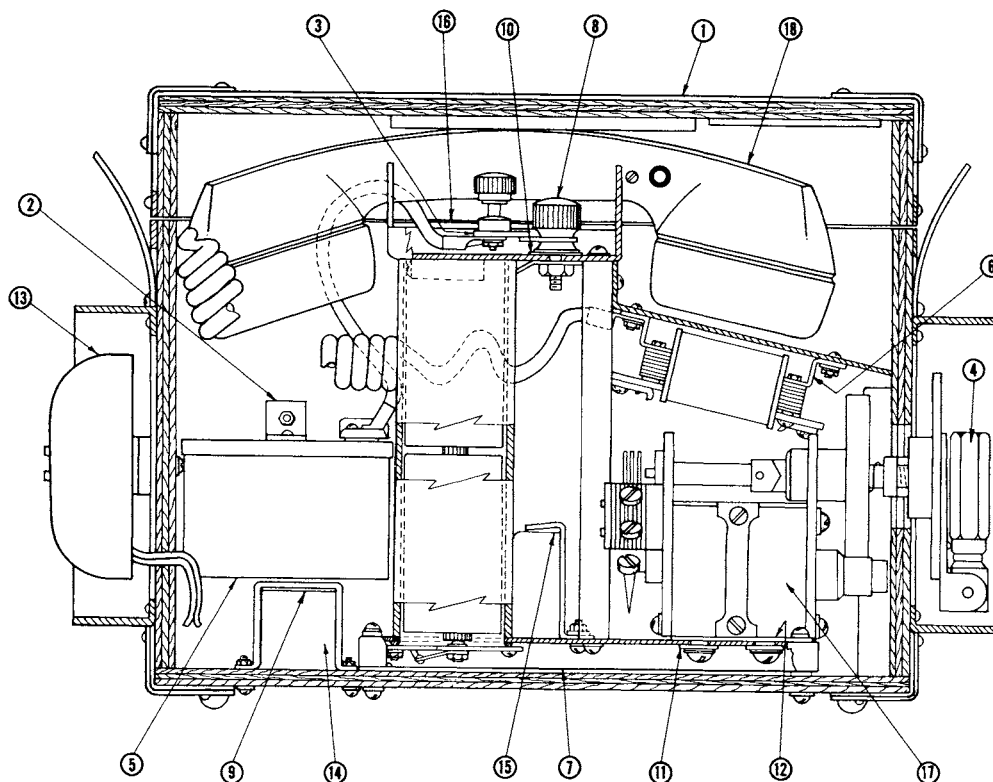
DO NOT ORDER BY ABOVE NUMBERS - SEE TABLE

Item No.	Description	Order by No.
1	Induction Coil	D-283022-AR
2	Generator Crank Assembly	H-880479-1
3	Binding Post	D-36090-A
4	Circuit Label	D-53728-A
5	Armature for Induction Coil	D-71561-A
6	Ringer	D-56454-A
7	Carrying Case Assembly	H-64660-1
8	Ringling Condenser	D-68195-A
9	Talking Condenser	D-68269-A
10	Ringling Condenser Bracket	D-730787-A
11	Talking Condenser Bracket	D-731096-A
12	Guard Bracket	D-731097-A
13	Battery Retaining Plate Assem.	D-780222-A
14	Handset	L-878-DO
15	Hand Generator	D-9051-B

Type 10-A Portable Telephone

Part No. L-7036

Circuit Label D-530267

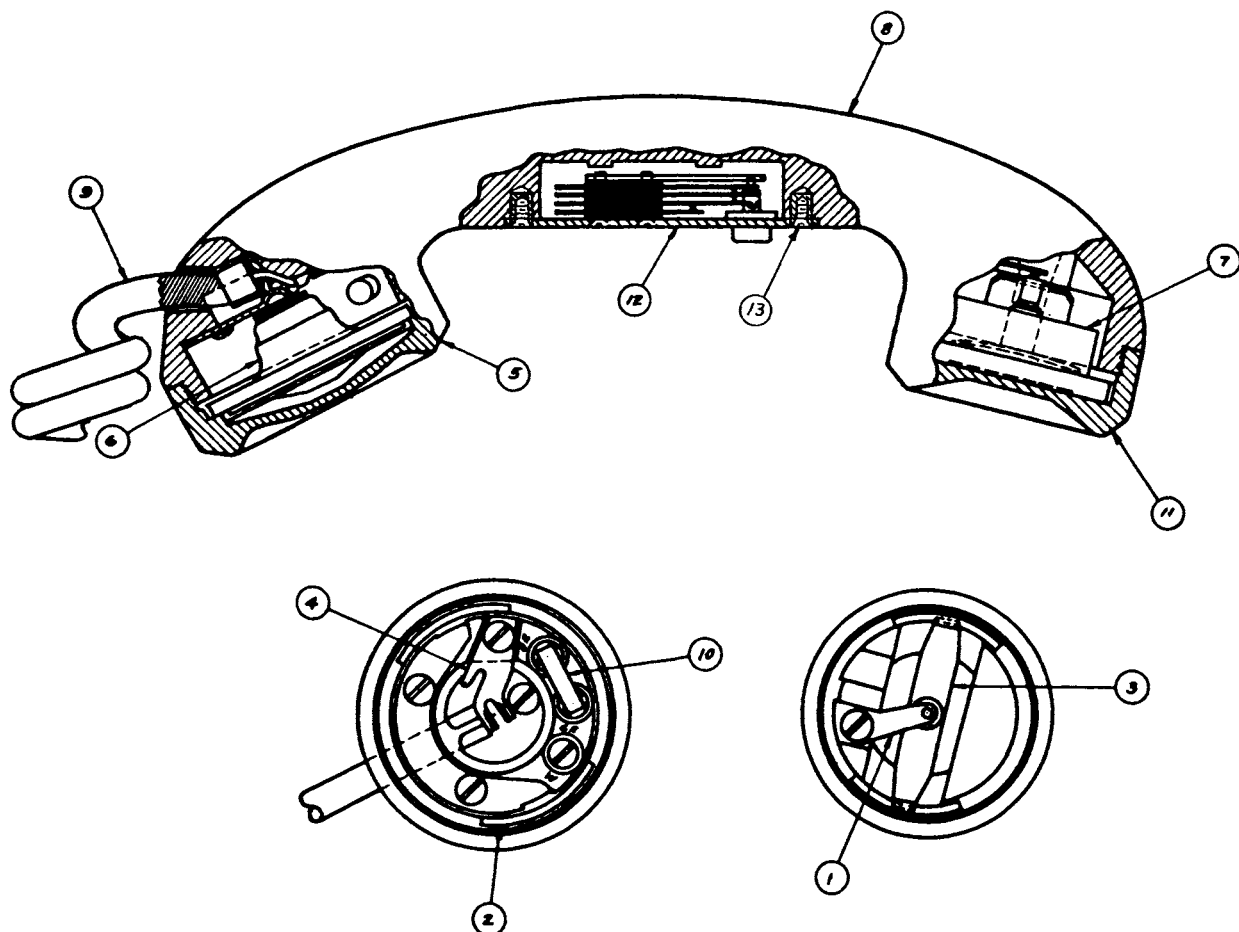


DO NOT ORDER BY ABOVE NUMBERS - SEE TABLE

Item No.	Description	Order by No.
1	Carrying Case Assembly	H-64660-1
2	Bracket, Filter	H-880411-2
3	Adapter and Cord Assembly	H-880411-4
4	Generator Crank Assembly	H-880479-1
5	Filter Unit	D-283895-A
6	Induction Coil	D-284317-A
7	Frame Assembly	D-30210-A
8	Binding Post	D-36090-A
9	Insulator, Ringer Capacitor	D-440124-A
10	Insulator, Binding Post	D-440337-A
11	Insulating Washer, Generator	D-44947-A
12	Insulator, Generator	D-44948-A
13	Ringer	D-56454-A
14	Capacitor, Ringer	D-68195-A
15	Capacitor	D-68269-A
16	Battery Retaining Plate Assembly	D-780222-A
17	Hand Generator	D-9051-B
18	Handset	L-9030-CO

Type 25 Handset

Part No. L-878-DO

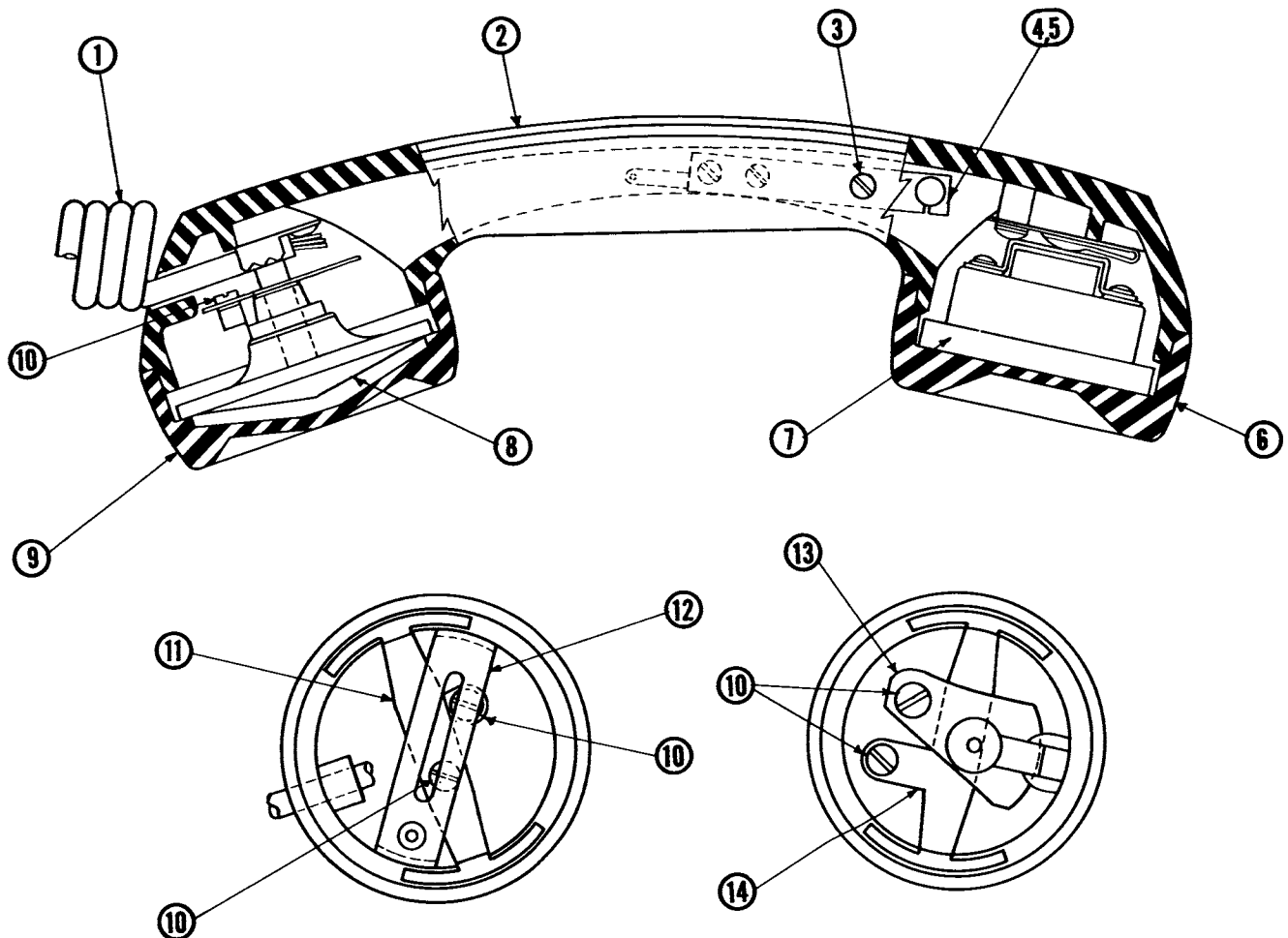


DO NOT ORDER BY ABOVE NUMBERS - SEE TABLE BELOW

Item No.	Description	Order by No.
1	Receiver Spring Assembly	D-109482
2	Transmitter Spring Assembly	D-109484-B
3	Receiver Spring	D-109535
4	Transmitter Spring	D-109538-A
5	Mouthpiece	D-38306-A
6	Transmitter Assembly	D-38363-A
7	Receiver Assembly	D-51021-B
8	Handset Shell Assembly	D-52111-A
9	3 Cond. Cord Assembly	D-543003-B
10	750 ohm Resistor	
11	Ear Cap	D-67304-A
12	Switch Assembly	D-731373-A
13	Plate Mounting Screw (2)	D-76974-A

Type 84 Handset

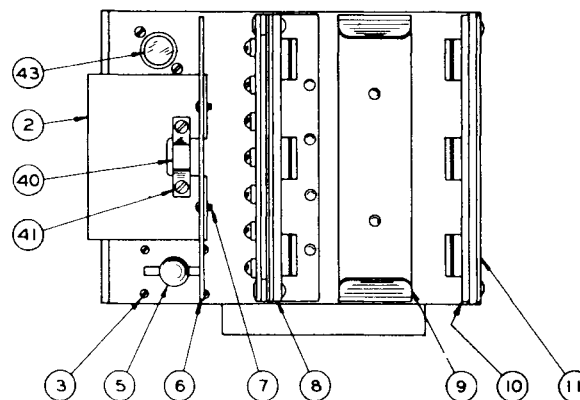
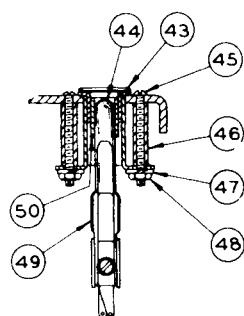
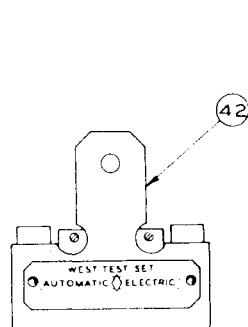
Part No. L-9030-CO



Item No.	Description	Order by No.
1	Retractable Cord	D-543143-A
2	Handset Shell	D-52149-A
3	4-40 FHIMS, Spring Assembly	D-76942-A
4	Switch Shield	D-490013-A
5	Spring Assembly	NP-21-A1
6	Receiver Cap	D-67423-A
7	Receiver Capsule	D-51021-B
8	Transmitter Capsule	D-38363-A
9	Transmitter Cap	D-67422-A
10	5-40 BDG H BR M S, Terminal (5)	D-76351-A
11	Transmitter Spring	D-109756-A
12	Transmitter Spring	D-109794-A
13	Receiver Spring	D-199795-A
14	Receiver Spring	D-109757-A
15	Resistor, 750 Ohm (not shown)	D-284080-B46

West Test Set

Part No. L-760

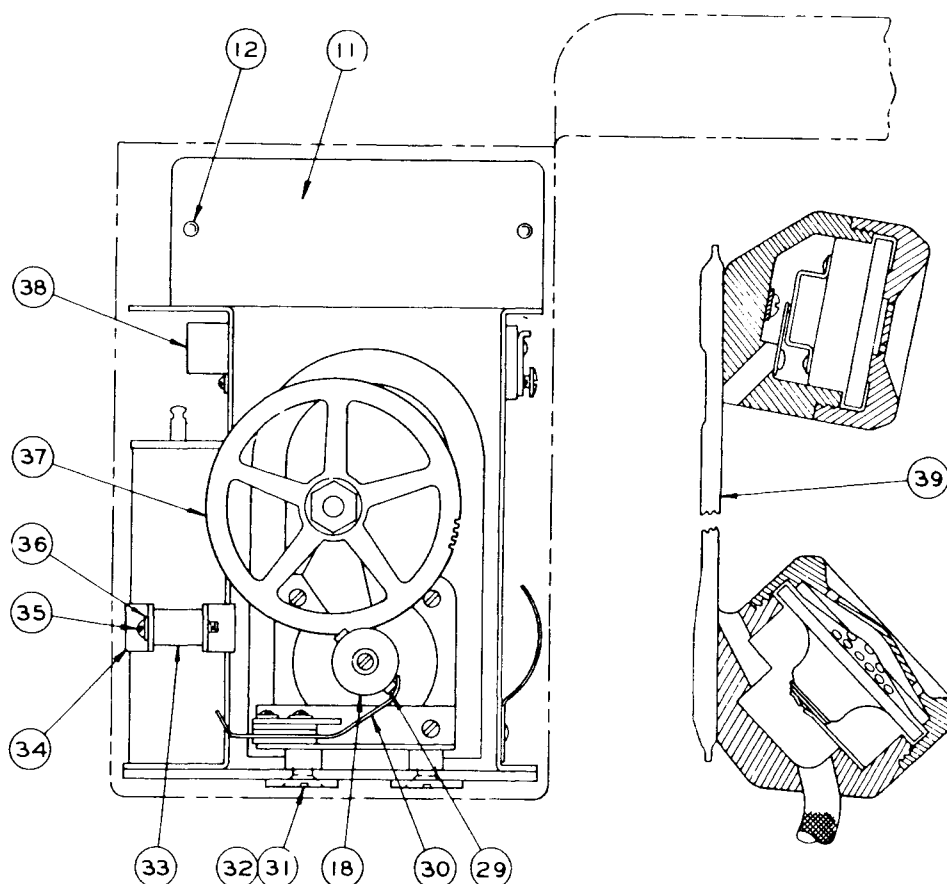
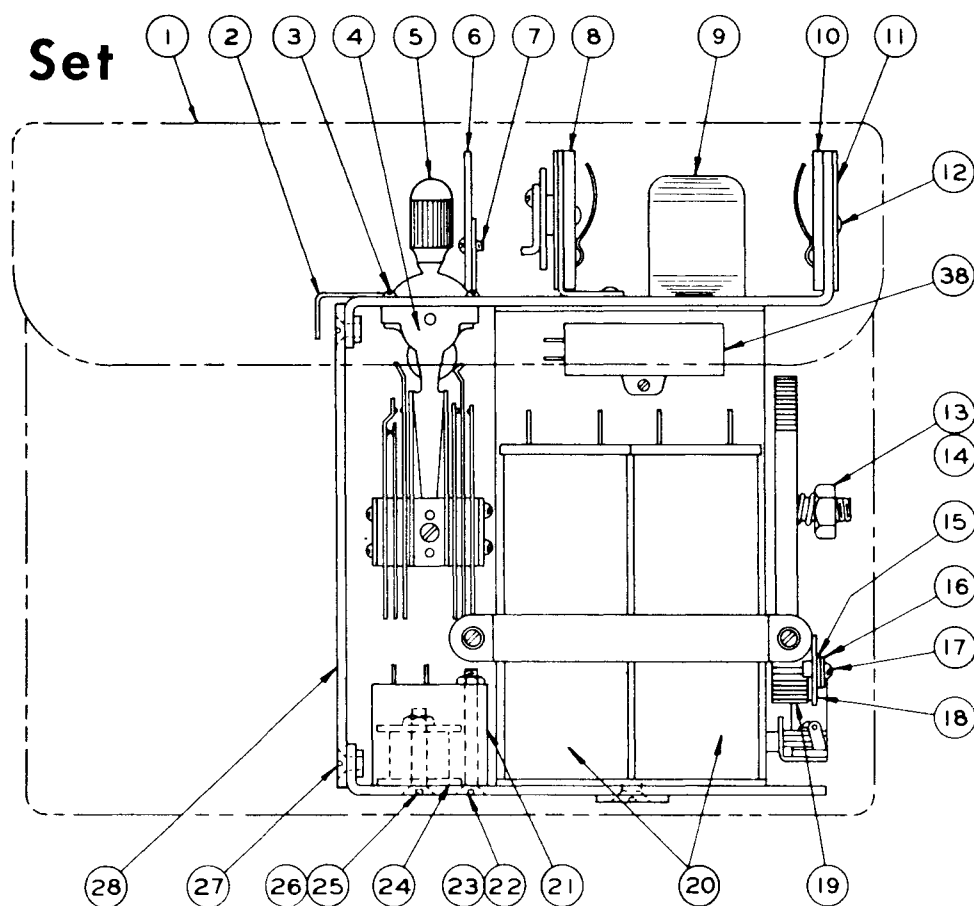


DO NOT ORDER BY ABOVE NUMBERS
SEE TABLE BELOW

Item No.	Description	Order by No.
1	Leather Case & Strap	M-6725-1
2	Fibre Case	H-69948-1
3	Bracket (Leather Case only)	MP-5122
4	Key Mounting Screws (4 Req'd.)	D-76750-A
5	Lever Key	D-322387-A
6	Key Handle	MP-4195-A
7	Insulating Guard	D-44880
8	Screw For Guard (2 Req'd.)	D-76286-B
9	Terminal Block and Support Assem.	D-15718-A
10	Battery Ret. Bracket	MP-4326
11	Terminal Block Assembly	MP-4320
12	Terminal Block Insulator	MP-4327
13	Rivet (2 Req'd.)	MP-4323-E
14	Generator Collar Nut	AP-8384
15	Helical Spring	AP-8383
16	Pinion Lock Washer	D-17170-A
17	Pinion Washer	D-17198-C
18	Screw	4-36x3/8" RHIMS
19	Pinion Insulating Washer	MP-4341
20	Pinion Gear Small	AP-8375
21	Condensers	D-68195-A
22	Induction Coil	AC-28841
23	Hex. Nut Ind. Coil (2 Req'd.)	D-77040-B
24	F.H. Br. MS Ind. Coil (2 Req'd.)	6-32x1-1/4"
25	Resistance Coil	D-281114-A
26	Hex. Nut For Res. Coil	D-77344-B
27	Screw For Res. Coil	8-32x1/8" BRMS
28	Screw (4 Req'd.)	5-40x1/4" F.H. BRMS
29	Vertical Support Plate	D-78916-A

Item No.	Description	Order by No.
30	Interruption Disc. & Pinion Washer	MP-4342
31	Generator Spring	MP-3833
32	Generator Mtg. Washer (2 Req'd.)	MP-3834
33	Screw Mtg. Generator (2 Req'd.)	12-24x1/2" F.H. IMS
34	Clamp Spacers	MP-6133
35	Condenser Clamp	MP-4343
36	Screw for Condenser Clamps	5-40x3/4" RH BRMS
37	Washer	D-17194-B
38	Gear Assembly (Large)	AP-2051
39	Condenser	D-68636-A
40	Handset With Head Band	L-9004-AO
41	For Handset Parts See Type 41 Handset	
42	Cord Clamp	MP-3861
43	Screw for Cord Clamp	D-76809 R.H. BRMS
44	Finder Coil and Clip (TA-24)	D-283727-A
45	Lamp Cap	MP-4330
46	Lamp 12V	D-9490
47	Screws For Lamp Assembly	D-76810
48	Lamp Assembly Mounting Spacers	MP-4333
49	Lock Washer	D-17170-A
50	Hex. Nut	D-7721-F
51	Lamp Jack Assembly	D-42562-A
52	Lamp Jack Sleeve	MP-4790
53	Head Band	D-65420-A
54	Finder Coil Cord	MP-3864
55	Test Clip and Cord	MP-3863
56	Test Clip only	D-15909
57	Magneto Generator Complete	AC-90117
58	Magneto Crank	MP-4312

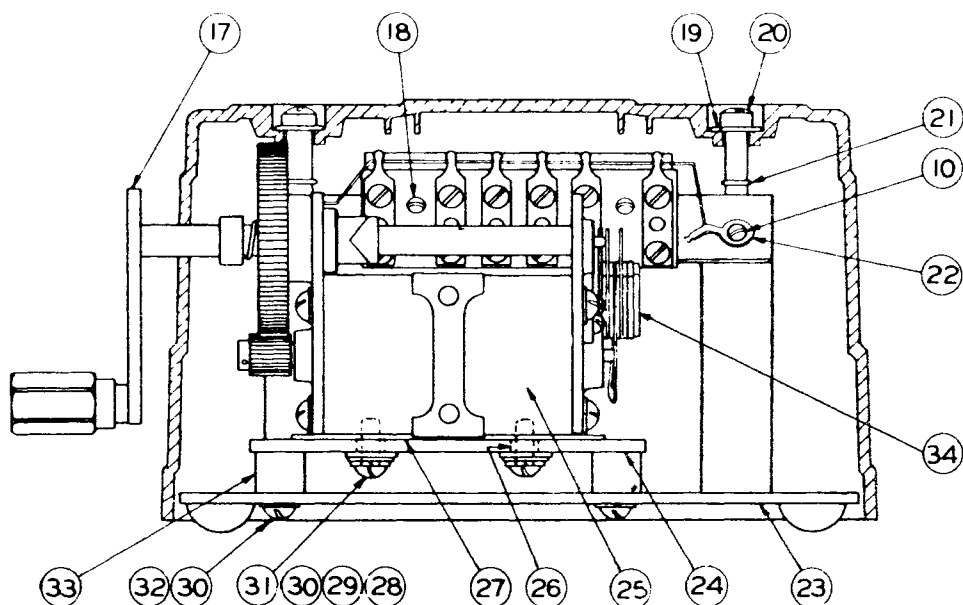
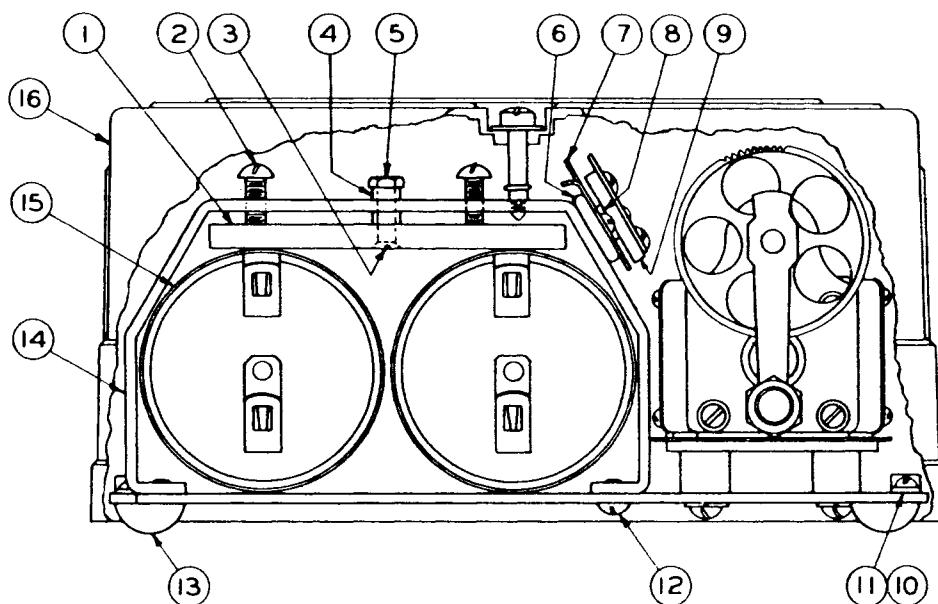
West Test Set



DO NOT ORDER BY ABOVE NUMBERS - SEE TABLE

Magneto Battery Box

Part No. L-594-DO



DO NOT ORDER BY ABOVE NUMBERS - SEE TABLE

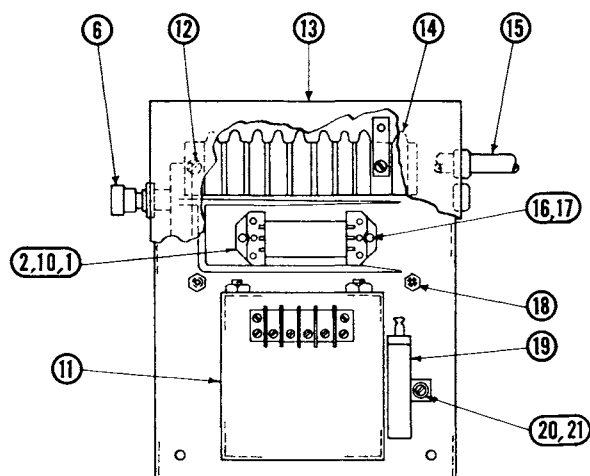
Magneto Battery Box

Item No.	Description	Order by No.
1	Battery Clamping Block	H-88284-5
2	Battery Clamp Screws (2 req.)	10-32 x 1/2 RHIMS
3	Hex. Nut Screw (2 req.)	6-32 x 7/8 RHIMS
4	Hex. Nut Bushing (2 req.)	H-88284-8
5	Hex. Nut-Battery Clamp Blk. (2 req.)	D-7701-A
6	Terminal Strip Mtg. Plate	H-88284-7
7	Terminal Strip Insulator	D-440071-A
8	Terminal Strip Spacer	D-17197-A
9	Terminal Strip	D-15807-B
10	Cord Holder and Term. Strip Mtg. Screw 6 req.	6-32 x 5/16 RHIMS
11	Cord Holder (2 req.)	H-88284-6
12	Battery Clamp Brkt. Mtg. Screw (4 req.)	10-32 x 5/16 RHIMS
13	Rubber Bumper	#255
14	Battery Clamp Brackets (2 req.)	H-88284
15	Batteries	Not Supplied
16	Cover	D-49834-A
17	Generator Crank	H-88290-14
18	Terminal Strip Mtg. Screw (2 req.)	6-32 x 3/8 RHIMS
19	Cupped Washer (2 req.)	D-17571-A
20	Cover Locking Screws (2 req.)	D-760590-A
21	Locking Screw Ring	H-88290-13
22	Wire Support Clamp	D-73261-C
23	Baseplate	H-88284-2
24	Generator Mounting Plate	H-88290-11
25	Hand Generator	D-9055-E
26	Generator Insul. Bushing (4 req.)	D-75065-A
27	Generator Insulator	D-440094-A
28	Insulating Washer (4 req.)	D-44947-A
29	Washer (4 req.)	D-17016-B
30	#10 Lock Washer (8 req.)	D-17149-D
31	Generator Mtg. Screw (4 req.)	10-32 x 1/2 RHBMS
32	Generator Mtg. Plate Screw (4 req.)	10-32 x 3/4 RHIMS
33	Generator Mtg. Plate Spacer (4 req.)	H-88290-10
34	Spring Assembly	D-731106-A

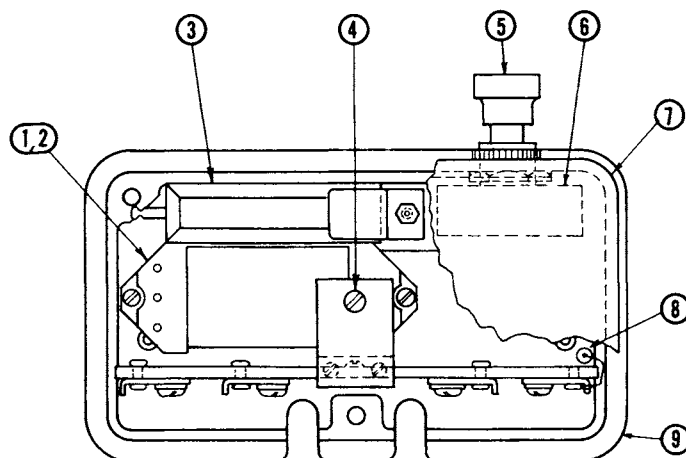
Waystation Subset

Part Nos.

H-881456-1 (with filter)



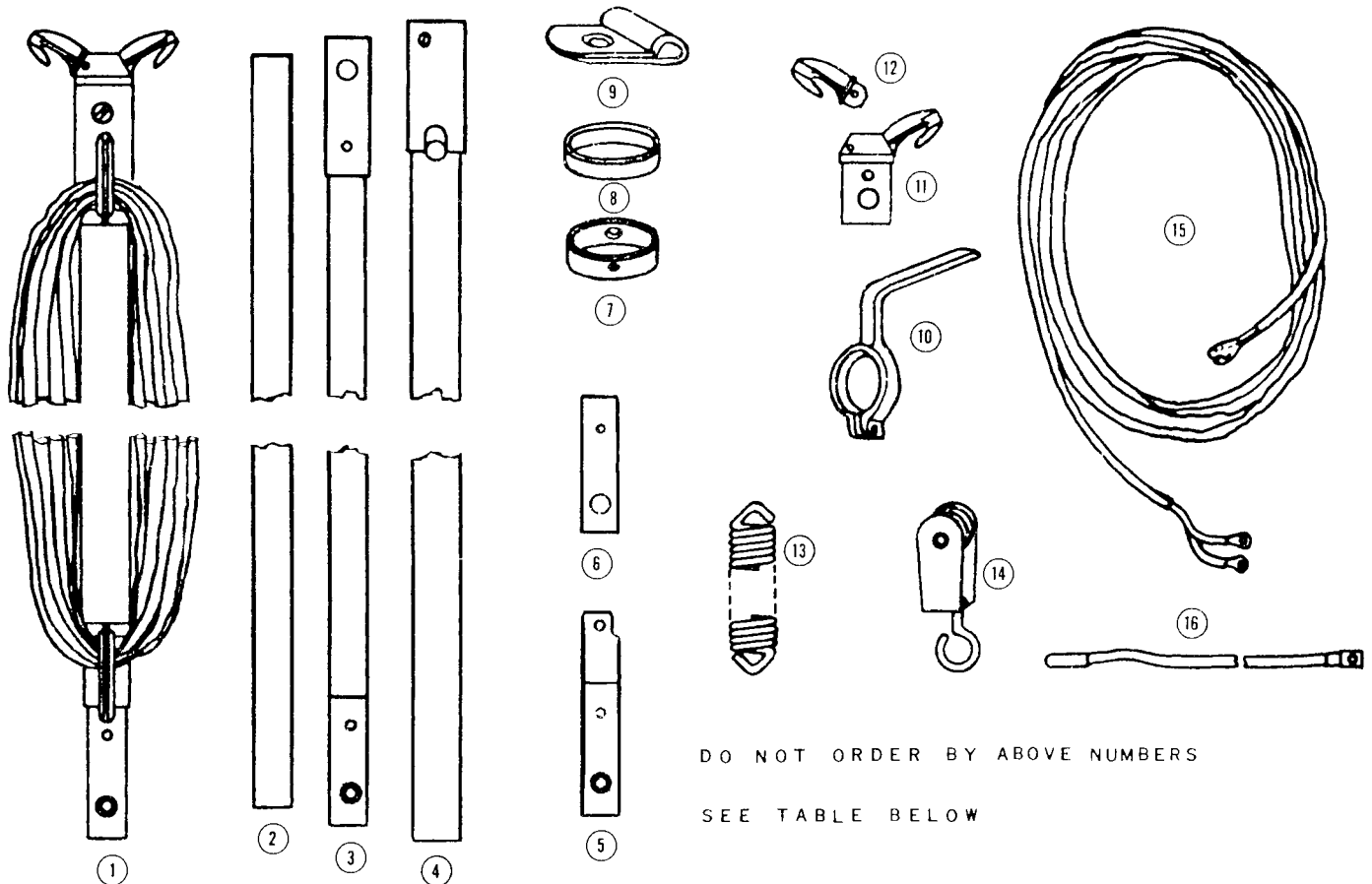
H-870057-1 (less filter)



Item No.	Description	Order by No.
1	Induction Coil	D-283022-A
2	Armature Lamination Frame	D-30174-A
3	Condenser, .5 mf	D-68270-B
4	Screw, cover	D-76768-A
5	Button, Push Switch	FD-1041-AA
6	Push Button Switch	D-72218-B
7	Cover	D-284080-All
8	Resistor	
9	Base	
10	Insulator, Induction Coil	D-440243-A
11	Waystation Filter Unit	D-283895-A
12	6-32 x 3/8" RHIMS	
13	Base and Cover Assembly	H-881475
14	Terminal Strip	D-15730-A
15	Cord Assembly	CD-614066
16	5-40 X 1 1/2" RHIMS (2)	
17	Lock Washer (2)	D-17468-A
18	8-32 X 5/16" RHIMS (2)	
19	Condenser, .5 mf	D-68270-A
20	6-32 X 3/16" RHIMS	
21	Lockwasher (6)	D-17194-C

Universal Line Pole

Part No. S-5935



DO NOT ORDER BY ABOVE NUMBERS

SEE TABLE BELOW

Item No.	Description	Order by No.
1	Head Section Complete	16859
2	Pole (3' Section less fittings) (3)	17393
3	Pole Extension Section (complete) (3)	17234
4	Tube Assembly	16862
5	Splice Adapter Assembly	16863
6	Pole Splice Assembly (3)	4604
7	Spacer Ring	17027
8	Terminal Ring	17028
9	Cable Clamp Support (plastic)	4P
10	Cable Holder	17026
11	Body Casting Assembly (less sheave)	SPL 16860
12	Contact Hook Assembly	16864
13	Tension Spring	17033
14	Sheave	17031
15	Extension Cord (50' with terminals)	17233
16	Retractable Cable Assembly	16865
17	Needle Cartridge with Set Screw New Style, 1 Required Each Contact, or 2 per Pole	16750
18	Needles, Stainless Steel, for Pole Line Connections, Old Style, 7 Needles Required Each Contact, or 14 per Pole	12622

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