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Form No. 380-0063 Rev D

Parts Catalog

Network LTC[®] Plus Satellite Controller

Model No. NETWORK LTC PLUS



Ordering Replacement Parts

To order replacement parts, please supply the part number, the quantity, and the description of each part desired.

Understanding Reference Numbers

Each identified part in an illustration has a reference number. The reference number for a part also appears in the parts list, along with other information about the part.

This catalog uses two special reference number formats, one to indicate parts in a service assembly and another to indicate the quantity of a given part in an illustration.

Service Assembly Reference Numbers

Parts in service assemblies have reference numbers in the form a:b. The a represents the reference number of the entire service assembly and the b represents a sequential number unique to each part within the service assembly.

For example, a wheel assembly might be identified by reference number 6, the tire by 6:1, the valve by 6:2, and the wheel by 6:3. When you order the assembly identified by reference number 6, you receive all parts identified by reference numbers 6:1, 6:2, and 6:3. However, you may also order any part individually. Reference numbers of this type appear in illustration and in parts lists.

Reference Numbers Indicating Quantity

In an illustration, if a reference number indicates more than one part, the reference number has the form nX y. The n represents the quantity of the part, the X is the multiplication symbol, and the y represents the reference number.

For example, in an illustration, the reference number 2X 37 means that two of the parts identified by reference number 37 are indicated.

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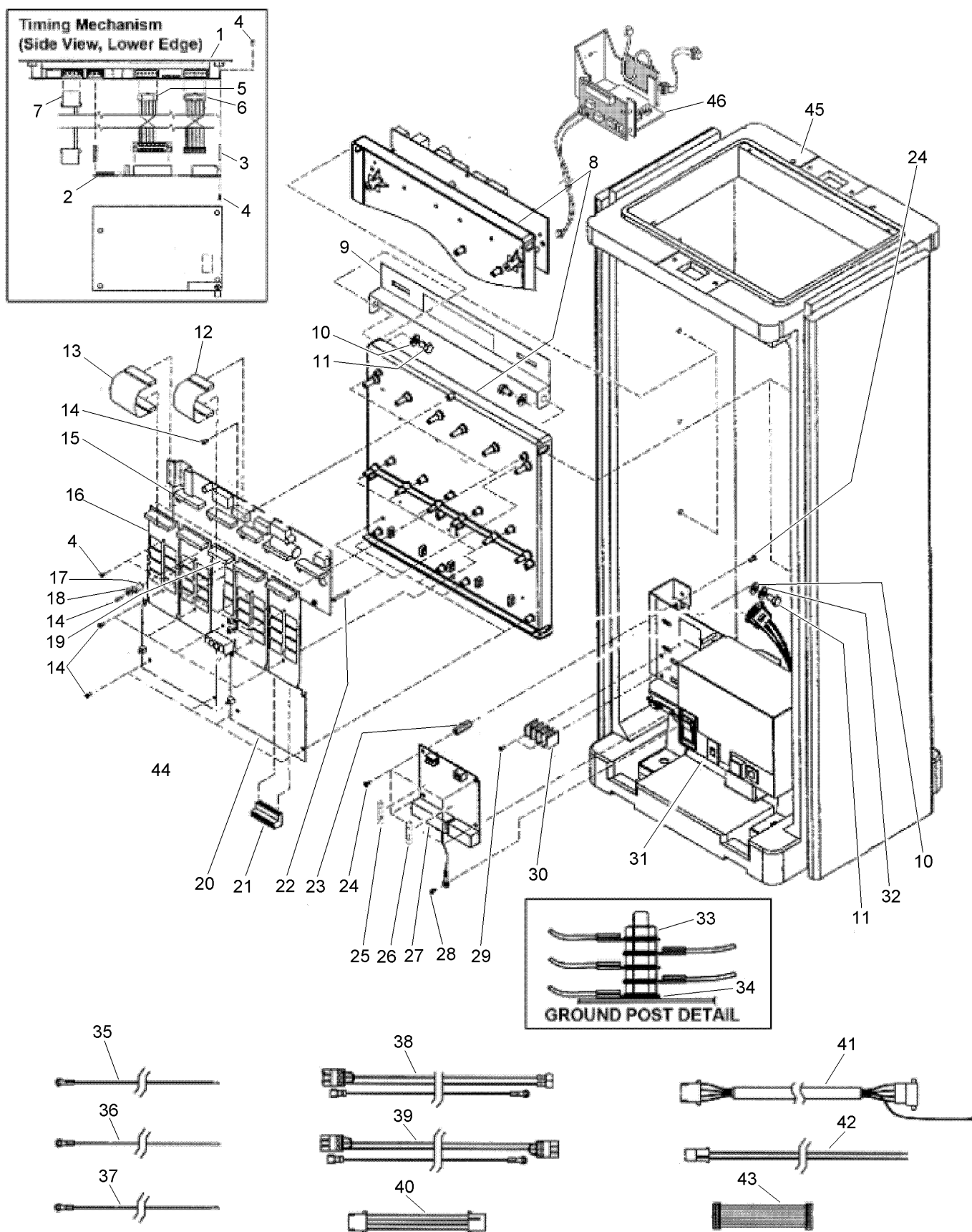
Network LTC Plus Satellite 4.0, Metal Cabinet. 8

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Network LTC Plus Sat. - Internal Components



Network LTC Plus Sat. - Internal Components (continued)

Ref.	Part Number	Qty.	Description	Ref.	Part Number	Qty.	Description
1	102-0794	1	Timing Mechanism Assembly (Includes Items 1, 3, 4 & 6) ●	32	363-1623	4	Washer, Lock
2	89-9026	1	Modem, Standard (Includes Items 2-5) ●	33		5	Hex Nut, #8-32 W/External Tooth Lock Washer ▲
3		4	Standoff, Hex 1/4" X 1.5" ▲	34	360-0600	1	Washer, Lock, Ext T
4	1-3078	4	Screw, Machine, #6-32 X 1/4"	35			Wire Assy., Ground, 14 Awg X 8" (See Service Item 89-9049) ▲
5	89-9043	1	Cable Assy., Ribbon, Timing Mechanism To Modem	36		1	Wire Assy., Ground, 14 Awg X 10.5" (See Service Item 89-9049) ▲
6	89-9042	1	Cable Assy., Ribbon, Timing Mechanism To Distribution Board	37		1	Wire Assy., Ground, 14 Awg X 13" (See Service Item 89-9049) ▲
7	89-9041	1	Cable Assy., 2-Wire, Timing Mechanism Power	38		1	Cable Assy., Modem To Terminal Block (See Service Item 89-9044) ▲
8	89-9027	2	Frame, Black Plastic Assy. (Includes Item 22)	39		1	Cable Assy., Modem To Surge Board (See Service Item 89-9044) ▲
9		1	Bracket, Reinforce (Plastic Cabinet Models Only) ▲	40	89-9045	1	Cable Assy., 4-Wire Jumper
10	360-0140	4	Washer-Flat	41	89-9046	1	Cable Assy., 4-Wire, Shielded
11	360-0595	8	Screw, Machine, 1/4-20 X 1/2"	42	89-9047	1	Cable Assy., 2-Wire, Pump/Com Board To Surge Board
12	102-0803	1	Cable Assy., Ribbon, 12-Pin (Pump/Common To Distribution)	43	89-9048	1	Cable Assy., Ribbon, Jumper
13	102-0802	4	Cable Assy., Ribbon, 16-Pin (8-Station Output To Distribution)	44	102-5940SK		Kit, Station Labels, Numbered, Plastic ◆
14	363-1355		Screw, Tap, #6 ◆	45		1	Satellite Plastic Pedestal (See Satellite Plastic Pedestal Section) ▲
15	102-0793	1	Parallel Distribution Board (Includes Item 14) ●	46		1	Radio Assembly (See Network Ltc Plus Radio Assembly Section) ▲
16	102-0796	1	Output Module, 8-Station Svc. (Includes Items 4, 13, & 14) ◆ ● □		89-9027		Frame, Black Plastic Assy. (Includes Item 22) ● ■
17		2	Retainer ▲		89-9033		16-Station Output Board W/O Surge Pills Or Switches (Includes Item 14) □ ● ■
18	363-5083	2	Washer, Brass		89-9034		16-Station Output Board W/Switches (Includes Item 14) □ ● ■
19	102-0795	1	Pump/Com Module Svc. (Includes Items 12, 14, 17, 18, & 19) ● □		89-9035		16-Station Output Board W/Surge Pills (Includes Item 14) □ ● ■
20			16-Station Output Board (See Services Items 89-9033 To 89-9039) ▲		89-9036		16-Station Output Board W/Surge Pills Or Switches (Includes Item 14) □ ● ■
21	89-9032		Connector, Terminal Block, 8-Station ◆		89-9044		Cable Assy. Svc., Surge To Modem & Surge To Terminal Block (Includes Items 37 & 38) ● ■
22	363-3587	2	Screw, Tap, #8 X 1.5"				
23	363-3603	4	Standoff, Hex, 5/16" X 1"				
24	360-0285	8	Screw, Machine, 6-32 X 3/8				
25	363-2638	4	Fuse, 0.5 Amp, 250V ●				
26	363-2635	4	Fuse, 7.5 Amp, 250V ●				
27	118-1524SK	1	Pump/Common/Communication Surge Board (Includes Items 23, 24, & 27)				
28	360-0136	1	Screw, Tap, #8				
29	4-1063	2	Screw, Tap, #6				
30	363-3574	1	Terminal Block, 2-Position				
31	102-0645	1	Power Supply Assy. (See Power Supply Assembly.)				

● SERVICE ITEMS

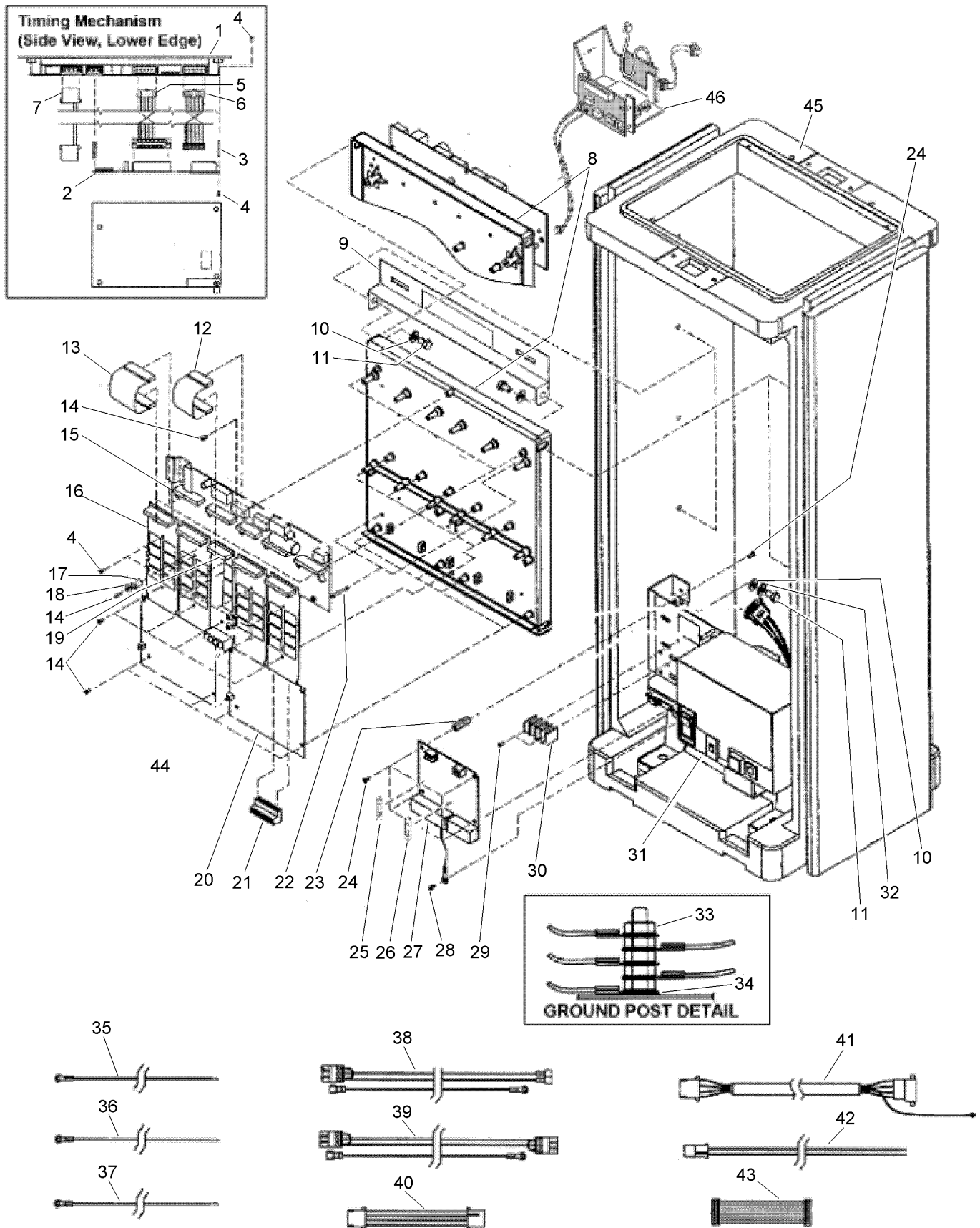
▲ Not serviced separately

□ Order Through Finished Goods Distribution System - Minneapolis

■ Not illustrated

◆ Quantity Varies With Model

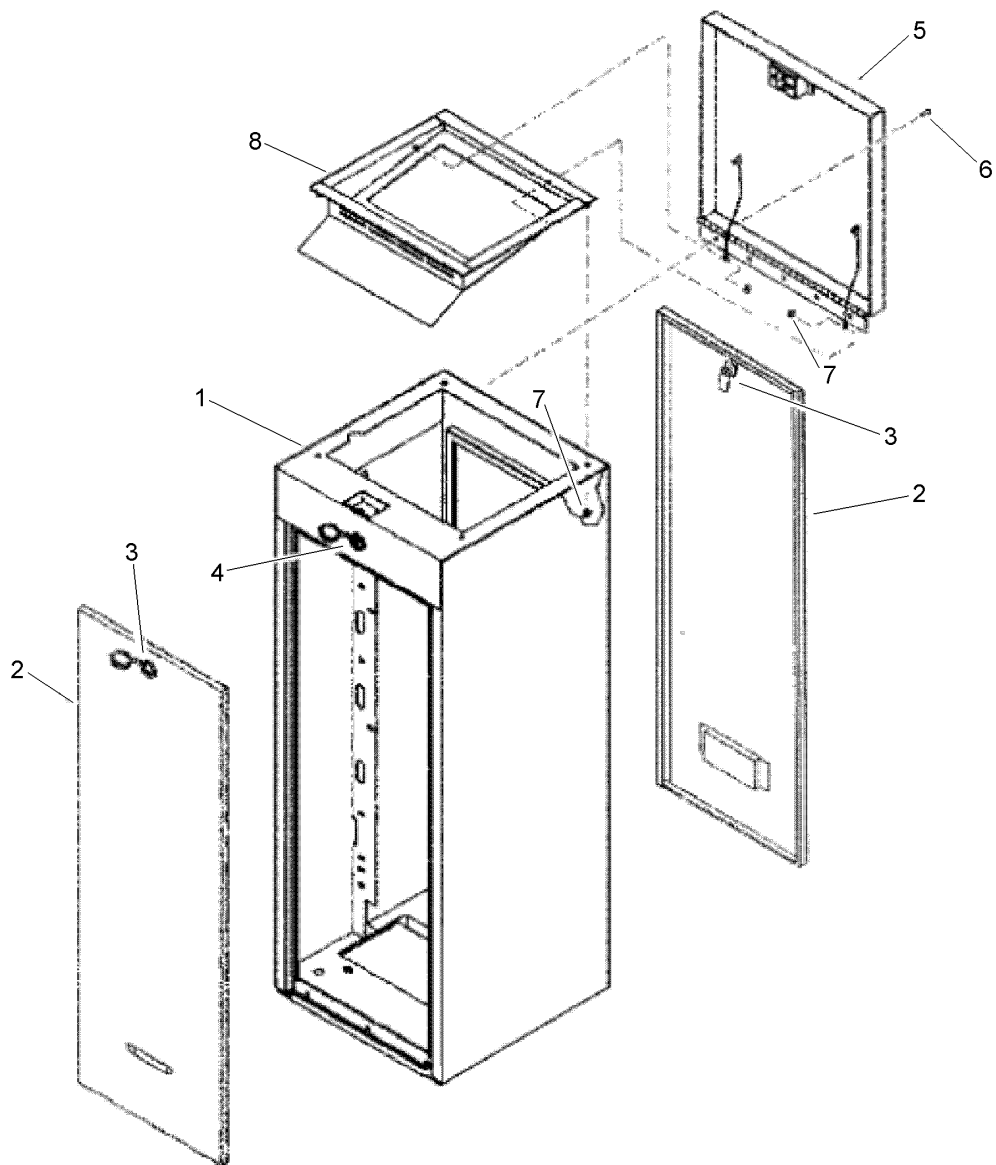
Network LTC Plus Sat. - Internal Components (continued)



Network LTC Plus Sat. - Internal Components (continued)

- SERVICE ITEMS
- ▲ Not serviced separately
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- ◆ Quantity Varies With Model

Network LTC Plus Satellite 4.0, Metal Cabinet



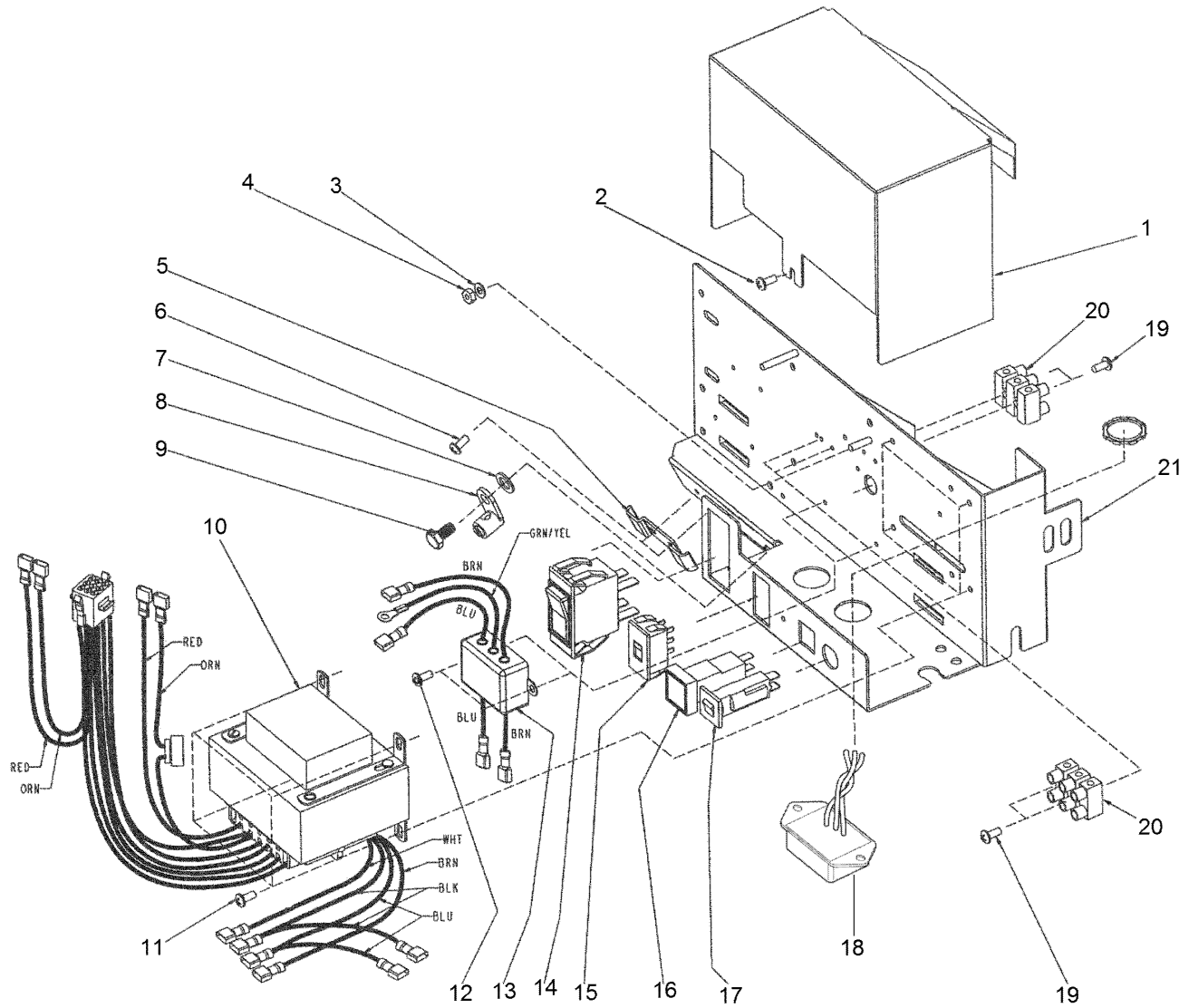
Network LTC Plus Satellite 4.0, Metal Cabinet (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	102-0702	1	Base, Pedestal Green, Sst W/Lock Assy, Svc. (Includes Item 4, Cover & Keys) ●	5	102-0703	1	Cover, Pedestal Green, Sst
2	102-0704	2	Door, Pedestal, Green, Sst, Service (Includes Item 3, Lock Cover & Keys) ●	6	363-3438	5	Screw, #10-32 X 3/4", Sst
3	102-0714	2	Lock Kit, Door, And Keys, Service ●	7	363-1752	4	Hex Nut, #10-32, Sst
4	102-0705	2	Lock Kit, Cover And Keys, Service ●	8	102-0684	1	Mount, Timing Mechanism, Sst
					360-0565		Keys, Two W/ Ring (Golf #1382) ● ■
					89-8294		Pedestal Assy., Green, Sst, Service (Includes Items 1-7) ● ■

● SERVICE ITEMS

■ Not illustrated

N. LTC Plus, Power Supply, Early Model



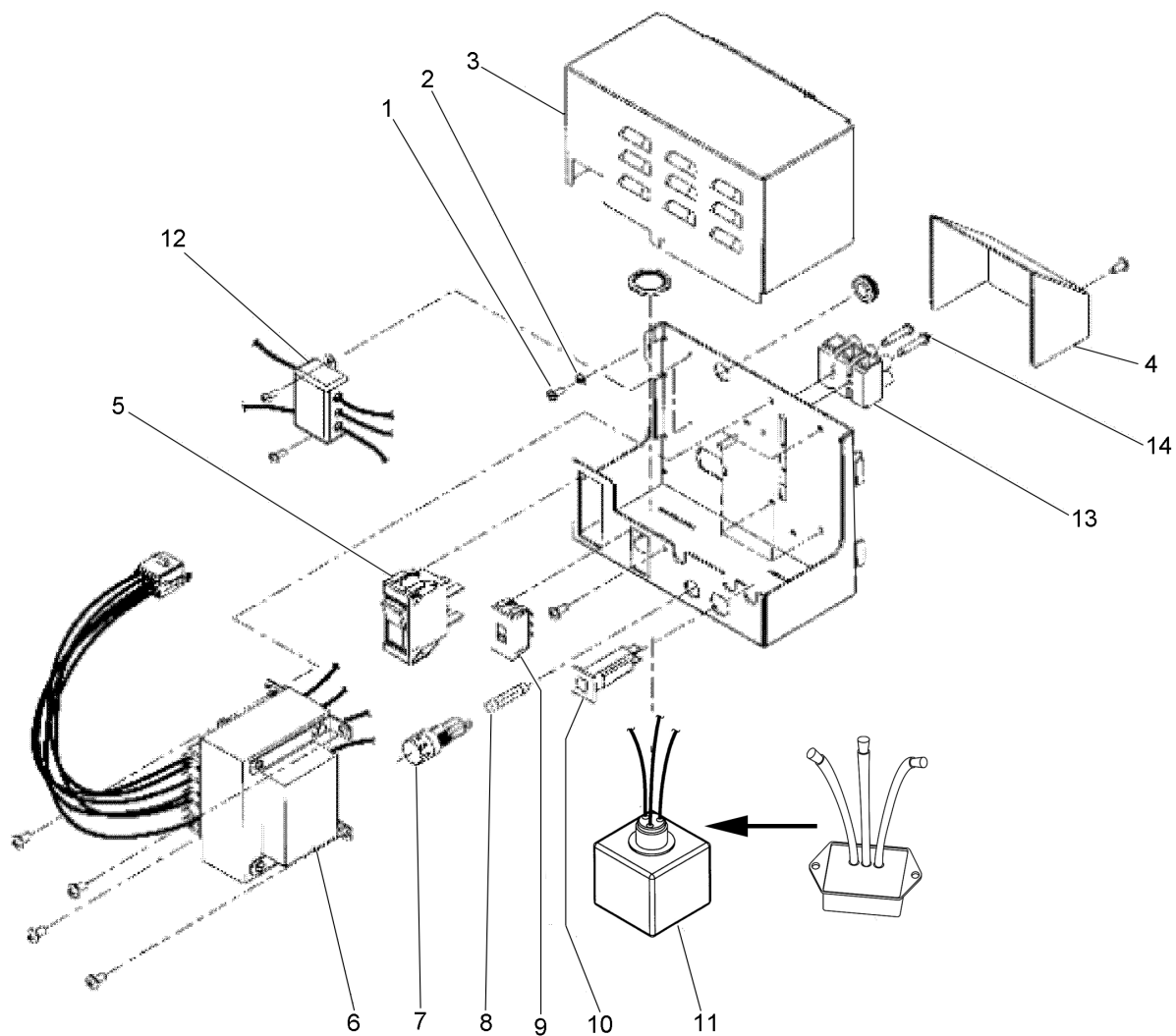
N. LTC Plus, Power Supply, Early Model (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	102-0800	1	Cover, Power Supply, Svc. ●	15	102-0648	1	Slide Switch 115/230V
2	360-0136	1	Screw, Tap, #8	16	102-0788	1	3.2A Fuse Holder Assy.
3	360-0600	1	Washer, Lock, Ext T	17	102-0651	1	Circuit Breaker, 4.0 Amp
4		1	Nut, Hex, #8-32 ▲	18	118-0538SK	1	Toro Transient Filter, Ttf
5		1	Clamp, Com Cable ▲	19	360-0297	4	Screw, #6 X 3/4"
6	1-6051	1	Screw	20	102-0792	2	Terminal Block, 3-Position, Svc. (Includes Item 19) ●
7	363-1623	1	Washer, Lock	21	102-0801	1	Plate, Transformer Mounting, Svc. ●
8	363-1553	1	Lug, Grounding		102-0650	10	Fuse, 3.2 Amp, Slow-Blow (10-Pack) ●■
9	360-0595	1	Screw, Machine, 1/4-20 X 1/2"	89-9037		1	Power Supply Assembly, W/O Surge (Includes 1-17 And 19-21) ■●
10	102-0791	1	Transformer W/Wire Harness Assy., Svc. ●	89-9038		1	Power Supply Assembly, W/ Surge (Includes 1-21) ■●
11		4	Screw, Tap, #10 X 3/8" ▲				
12	4-1063	2	Screw, Tap, #6				
13	102-0700	1	Filter Assy., Rfi				
14	102-0666	1	On/Off Switch				

● SERVICE ITEMS
▲ Not serviced separately

■ Not illustrated

Power Supply, N. LTC Plus and E-Series OSMAC



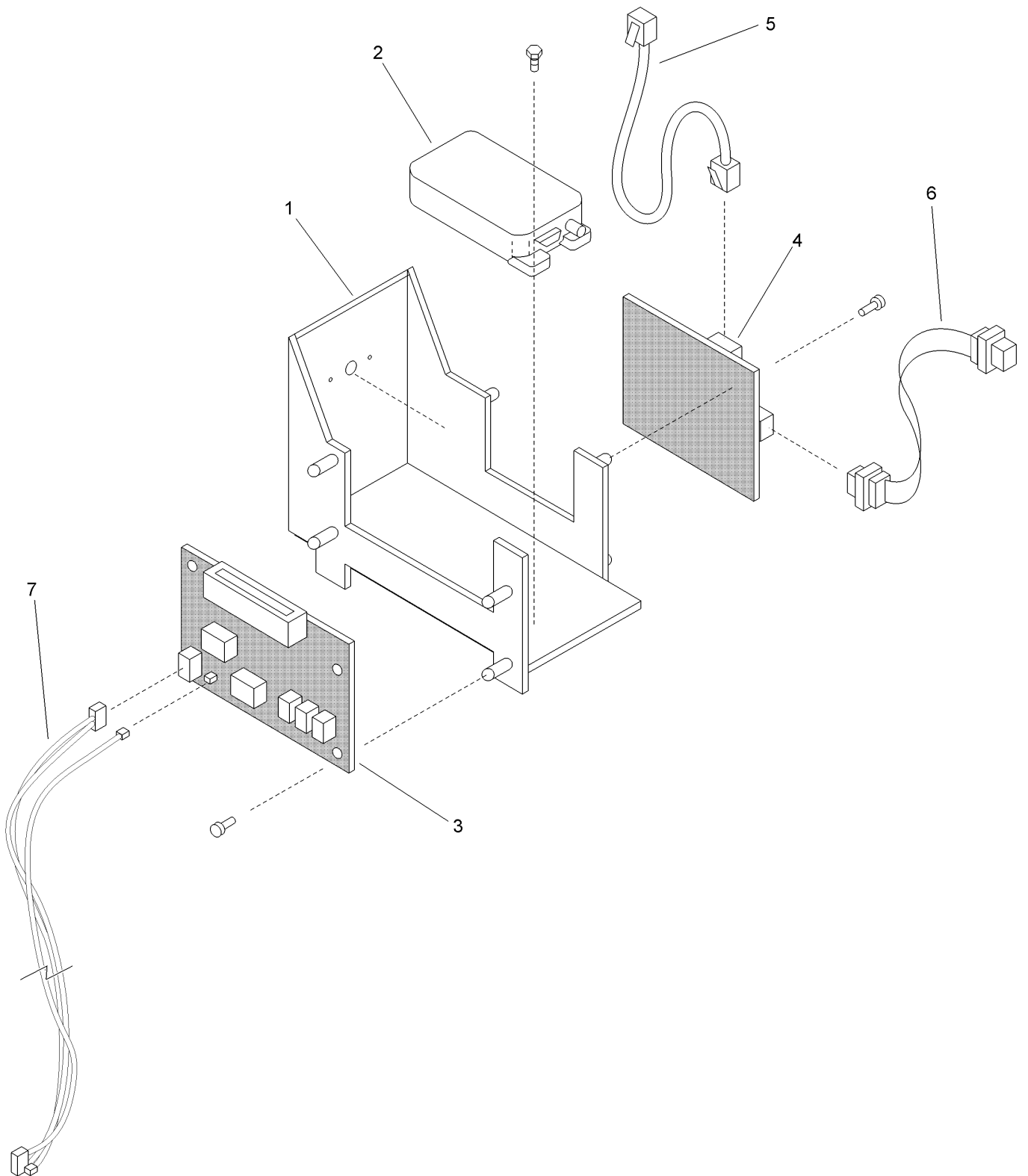
Power Supply, N. LTC Plus and E-Series OSMAC (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1	4-1063	2	Screw, Tap, #6	9	102-0648	1	Slide Switch 115/230V
2		2	Washer, Lock, #6 ▲	10	102-0651	1	Circuit Breaker, 4.0 Amp
3	102-0646	1	Cover, Power Supply	11	118-0538SK	1	Toro Transient Filter, Ttf
4	102-0695	1	Cover, Wire Terminal	12	102-0700	1	Filter Assy., Rfi
5	102-0666	1	On/Off Switch	13	102-0667	1	Terminal Block, 115/230V (Includes Item 14)
6	102-0647	1	Transformer Assy., Svc. ●	14	360-0297	2	Screw, #6 X 3/4"
7	102-0649	1	Fuse Holder W/Cap		102-0645	1	Power Supply Assembly (Includes Items 1-14) ■
8	102-0650	1	Fuse, 3.2 Amp, Slow-Blow (10-Pack) ●				

● SERVICE ITEMS
▲ Not serviced separately

■ Not illustrated

Network LTC Plus Radio Assembly



Network LTC Plus Radio Assembly (continued)

<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>	<i>Ref.</i>	<i>Part Number</i>	<i>Qty.</i>	<i>Description</i>
1		1	Bracket, Radio Assy. (Uhf Models Only) ●	5	363-3619SK	1	Rj-45 Cable Assy. (Uhf Models Only) ■
2	363-4638SK	1	Maxon Radio (Uhf Models Only)(See Service Item 363-4638)	6	102-3257SK	1	Db-9 Cable Assy. (Uhf Models Only) ■
3	89-7701	1	Universal Modem (Uhf Models Only) ■	7		1	Cable Assy., Modem To Surge Board (Uhf Models Only) ●
4	102-3125SK	1	Radio Interface Board (Uhf Models Only) ■				

● Not serviced separately

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