

Larcen Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	40D2180G1	1 WATT AMP ASSY VHF LB R-3	1 EA

Line	Symbol	Item No.	Description	Quantity
1		40D2180	ASSEMBLY DRAWING R-0	0 EA
10		40D2176P1	FRONT PANEL R-1	1 EA
11		40D2178P1	CHASSIS R-1	1 EA
12		40D2179P1	REAR PANEL R-0	1 EA
13		40D2177P1	COVER TOP R-0	1 EA
15		10A2078P1	SPACER PLATE R-0	1 EA
16		10A2075P1	KEEPER PLATE R-0	1 EA
17		XRM-210N-00	SWITCH	1 EA
18		559-0201-001	LED GREEN	1 EA
20		HE24-1.2-A	POWER SUPPLY 24V 1.2A POWER 1	1 EA
22		10A145366	PCB PHASE SHIFT ASSY (MX1V)R13	1 EA
23		10A125064	DIR COUPLER ASSY R-6	1 EA
26		20B123565	METERING BOARD FOR MX1V R-11	1 EA
29		20B71262	BANDPASS FILTER ASM LB R-3	1 EA
34		86350	CONNECTOR BNC BULKHEAD	2 EA
36		2001-5032-00	CONNECTOR	3 EA
38		21688880P22	METER R-9	1 EA
39		MDL-1	FUSE 1A 230V SLOW	1 EA
40		6J4	LINE FILTER, 120/240V	1 EA
42		20B2449	WIRING DIAGRAM R-0	0 EA
43		RL10A207261	RUNNING LIST R-0	0 EA

Larcen Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	40D2180G1	1 WATT AMP ASSY VHF LB R-3	1 EA
1	10A1453G6	PCB PHASE SHIFT ASSY (MXIV)R13	1 EA

Line	Symbol	Item No.	Description	Quantity
6		10A1453P1	PCB PHASE SHIFTER R-4	1 EA
7		10A1453	ASM DWG/PATT/SILKSCRN/SCH R-7	0 EA
8		10A1453	ASM DWG/PATT/SILKSCRN/SCH R-7	0 EA
9		10A1453	ASM DWG/PATT/SILKSCRN/SCH R-7	0 EA
10		10A1453	ASM DWG/PATT/SILKSCRN/SCH R-7	0 EA
14		B1570-B-1/4-05	SPACER TIN PLATED	4 EA
18		1280B	TURRET	1 EA
20		10A1453 SH12	SCHEMATIC R-0	0 EA
42		PR37J-200 OHMS	SEE PR37J 200 OHMS	1 EA
43		PR37J 100 OHMS	RES 1.6W 5% 100	1 EA
	C5	681-09478	CAP 4p7 100V CERAMIC	1 EA
	C7	030-38108	CAP 1u 63V ELECT	1 EA
	C8	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C9	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C10	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C11	630-09472	CAP 4700p 100V CERAMIC	1 EA
	L3	10A212P1	COIL 7t FAB IN HOUSE R-6	1 EA
	L4	10A212P1	COIL 7t FAB IN HOUSE R-6	1 EA
	R4	MMA330	IC RF AMP	1 EA
	U2	MHW6185	HYBRID	1 EA

Larcan Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	400218061	1 WATT AMP ASSY VHF LB R-3	1 EA
1	10A125064	DIR COUPLER ASSY R-6	1 EA

Line	Symbol	Item No.	Description	Quantity
10		10A1248P1	PCB DIR COUPLER R-3	1 EA
11		10A1249	P.C. PATTERN R-3	0 EA
12		10A1251	SILKSCREEN R-3	0 EA
14		B1571-B-1/4-05	SPACER TIN PLATED	2 EA
16		10A1252	SCHEMATIC R-3	0 EA
20		2062-0000-00	RECEPTACLE SEE 50-651-0000-31	1 EA
36		3R152P510J	RES 1/4W 5% 51	1 EA
	J2	2062-0000-00	RECEPTACLE SEE 50-651-0000-31	1 EA
	T1	10A213P1	DIRECTIONAL COUPLER R-5	1 EA

Larcan Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	400218061	1 WATT AMP ASSY VHF LB R-3	1 EA
1	20B123565	METERING BOARD FOR MX1V R-11	1 EA

Line	Symbol	Item No.	Description	Quantity
10		20B1233P1	PCB R-4	1 EA
11		20B1234	PATTERN R-3	0 EA
12		20B1236	SILKSCREEN R-3	0 EA
13		20B2448	ASSEMBLY DRAWING R-0	0 EA
15		CE100F24-11	END CONNECTORS	1 EA
16		B1570-B-1/4-05	SPACER TIN PLATED	4 EA
17		EC100F-11	COVER	1 EA
18		MLSS100-11	LOCKING HEADER	1 EA
19		12808	TURRET	1 EA
20		2062-0000-00	RECEPTACLE SEE 50-651-0000-31	1 EA
22		508-A611D	IC SOCKET 8 PIN	1 EA
	C1	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C3	681-10689	CAP 68p 100V CERAMIC	1 EA
	C4	681-10689	CAP 68p 100V CERAMIC	1 EA
	C7	344-15474	CAP u4763V FILM SEE 372-21474	1 EA
	C9	TAP2.2M16	CAP 2u2 16V TANT	1 EA
	C10	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C11	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C12	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C13	630-09472	CAP 4700p 100V CERAMIC	1 EA
	CR1	HP5082-2800	DIODE SEE EDS#503 OR 1N5711	1 EA
	CR3	HP5082-2800	DIODE SEE EDS#503 OR 1N5711	1 EA
	L1	550-3640-450200	INDUCTOR 10uH SEE 1537-36	1 EA
	Q1	MPS8598	TRANSISTOR PNP GEN PURP	1 EA
	R1	3R152P911J	RES 1/4W 5% 910	1 EA
	R2	3R152P510J	RES 1/4W 5% 51	1 EA
	R5	3R152P472J	RES 1/4W 5% 4K7	1 EA
	R7	3R152P472J	RES 1/4W 5% 4K7	1 EA
	R9	3R152P102J	RES 1/4W 5% 1K	1 EA
	R11	3R152P275J	RES 1/4W 5% 2M7	1 EA
	R13	3R152P101J	RES 1/4W 5% 100	1 EA
	R17	3R152P122J	RES 1/4W 5% 1K2	1 EA
	R18	3329H-1-102	POT 1K	1 EA
	R21	3R152P104J	RES 1/4W 5% 100K	1 EA
	R27	3R152P513J	RES 1/4W 5% 51K	1 EA
	R29	3R152P102J	RES 1/4W 5% 1K	1 EA
	R32	3329H-1-104	POT 100K	1 EA
	R33	3R152P123J	RES 1/4W 5% 12K	1 EA
	R34	3R152P472J	RES 1/4W 5% 4K7	1 EA
	R38	3R152P393J	RES 1/4W 5% 39K	1 EA
	R39	3R152P101J	RES 1/4W 5% 100	1 EA
	U1	LM358N	IC OP AMP	1 EA
	VR1	MC78L12CP	IC VOLT REG	1 EA

Larcan Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	400218061	1 WATT AMP ASSY VHF LB R-3	1 EA
1	20871262	BANDPASS FILTER ASM LB R-3	1 EA

Line	Symbol	Item No.	Description	Quantity
2		208712P2	ASSEMBLY DRAWING	0 EA
10		208713G1	BAND PASS FILTER PCB ASSY R-4	1 EA
11		208719P2	BOX RE-WORK	1 EA
12		10A774P1	MOUNTING BRACKET	2 EA
13		PP58	POP RIVET	4 EA
14		1590B	HAMMOND DIECAST BOX	0 EA
16		30C956	SILKSCREEN	0 EA
17		UG-625B/U	RECEPTACLE BNC. Sub 31-236	1 EA
18		UG-625B/U	RECEPTACLE BNC. Sub 31-236	1 EA
22		208720	SCHEMATIC	0 EA

Larcan Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	40D2180G1	1 WATT AMP ASSY WHF LB R-3	1 EA
1	20B71262	BANDPASS FILTER ASM LB R-3	1 EA
2	20B71361	BAND PASS FILTER PCB ASSY R-4	1 EA

Line	Symbol	Item No.	Description	Quantity
1		20B713P1	PCB BANDPASS FILTER LB ASM DWG	0 EA
10		20B714P1	PCB BANDPASS FILTER LB R-0	1 EA
11		20B715	PRINTED CIRCUIT PATTERN	0 EA
13		B1543-B-1/8-05	SPACER TIN PLATED	4 EA
22		20B716	SILKSCREEN DRAWING	0 EA
	C1	681-10121	CAP 120p 100V CERAMIC	1 EA
	C2	681-10279	CAP 27p 100V CERAMIC	1 EA
	C3	808-11229	CAP 2-22p 250V TRIM	1 EA
	C4	808-31409	CAP 5p5-40p 250V TRIM	1 EA
	C5	681-10569	CAP 56p 100V CERAMIC	1 EA
	C6	808-11229	CAP 2-22p 250V TRIM	1 EA
	C7	808-31409	CAP 5p5-40p 250V TRIM	1 EA
	C8	681-10569	CAP 56p 100V CERAMIC	1 EA
	C9	808-11229	CAP 2-22p 250V TRIM	1 EA
	C10	681-10279	CAP 27p 100V CERAMIC	1 EA
	C11	681-10121	CAP 120p 100V CERAMIC	1 EA
	C12	681-09338	CAP 3p3 100V CERAMIC	1 EA
	C13	808-11229	CAP 2-22p 250V TRIM	1 EA
	L1	20B268P2	INDUCTOR 7-1/2t R-1	1 EA
	L2	20B268P2	INDUCTOR 7-1/2t R-1	1 EA
	L3	20B268P2	INDUCTOR 7-1/2t R-1	1 EA
	L4	20B268P1	INDUCTOR 5-1/2t R-1	1 EA

Larcen Communication
Final Handbook Parts List

Page	Item No.	Description
1	400218061	1 WATT AMP ASSY VHF LB R-3
2	10A145366	PCB PHASE SHIFT ASSY (MX1V)R13
3	10A125064	DIR COUPLER ASSY R-6
4	20B123565	METERING BOARD FOR MX1V R-11
5	20B71262	BANDPASS FILTER ASM LB R-3
6	20B71361	BAND PASS FILTER PCB ASSY R-4

Larcen Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	40D218062	1 WATT AMP ASSY VHF HB R-3	1 EA

Line	Symbol	Item No.	Description	Quantity
2		40D2180	ASSEMBLY DRAWING R-0	0 EA
10		40D2176P1	FRONT PANEL R-1	1 EA
11		40D2178P1	CHASSIS R-1	1 EA
12		40D2179P1	REAR PANEL R-0	1 EA
13		40D2177P1	COVER TOP R-0	1 EA
15		10A2078P1	SPACER PLATE R-0	1 EA
16		10A2075P1	KEEPER PLATE R-0	1 EA
17		XRM-210N-00	SWITCH	1 EA
18		559-0201-001	LED GREEN	1 EA
20		HB24-1.2-A	POWER SUPPLY 24V 1.2A POWER 1	1 EA
22		10A145366	PCB PHASE SHIFT ASSY (MX1V)R13	1 EA
23		10A125064	DIR COUPLER ASSY R-6	1 EA
26		20B123565	METERING BOARD FOR MX1V R-11	1 EA
30		20B70461	BANDPASS FILTER ASSY R-2	1 EA
34		86350	CONNECTOR BNC BULKHEAD	2 EA
35		31-371	CONNECTOR	2 EA
36		2001-5032-00	CONNECTOR	5 EA
38		21688880P22	METER R-9	1 EA
39		MDL-1	FUSE 1A 230V SLOW	1 EA
40		6J4	LINE FILTER, 120/240V	1 EA
42		20B2449	WIRING DIAGRAM R-0	0 EA
44		RL10A207262	RUNNING LIST R-0	0 EA

Larcan Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	40D218062	1 WATT AMP ASSY VHF HB R-3	1 EA
1	10A145366	PCB PHASE SHIFT ASSY (MX1V)R13	1 EA

Line	Symbol	Item No.	Description	Quantity
6		10A1453P1	PCB PHASE SHIFTER R-4	1 EA
7		10A1453	ASM DWS/PATT/SILKSCRN/SCH R-7	0 EA
8		10A1453	ASM DWS/PATT/SILKSCRN/SCH R-7	0 EA
9		10A1453	ASM DWS/PATT/SILKSCRN/SCH R-7	0 EA
10		10A1453	ASM DWS/PATT/SILKSCRN/SCH R-7	0 EA
14		B1570-B-1/4-05	SPACER TIN PLATED	4 EA
18		1280B	TURRET	1 EA
20		10A1453 SH12	SCHEMATIC R-0	0 EA
42		PR37J-200 OHMS	SEE PR37J 200 OHMS	1 EA
43		PR37J 100 OHMS	RES 1.6W 5% 100	1 EA
	C5	681-09478	CAP 4p7 100V CERAMIC	1 EA
	C7	030-38108	CAP 1u 63V ELECT	1 EA
	C8	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C9	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C10	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C11	630-09472	CAP 4700p 100V CERAMIC	1 EA
	L3	10A212P1	COIL 7t FAB IN HOUSE R-6	1 EA
	L4	10A212P1	COIL 7t FAB IN HOUSE R-6	1 EA
	R4	MMA330	IC RF AMP	1 EA
	U2	MHW6185	HYBRID	1 EA

Larcen Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	400218062	1 WATT AMP ASSY VHF HB	1 EA
1	10A125064	DIR COUPLER ASSY	1 EA

Line	Symbol	Item No.	Description	Quantity
10		10A1248P1	PCB DIR COUPLER	1 EA
11		10A1249	P.C. PATTERN	0 EA
12		10A1251	SILKSCREEN	0 EA
14		B1571-B-1/4-05	SPACER TIN PLATED	2 EA
16		10A1252	SCHEMATIC	0 EA
20		2062-0000-00	RECEPTACLE SEE 50-651-0000-31	1 EA
36		3R152P510J	RES 1/4W 5% 51	1 EA
	J2	2062-0000-00	RECEPTACLE SEE 50-651-0000-31	1 EA
	T1	10A213P1	DIRECTIONAL COUPLER	1 EA

Larcen Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	400218062	1 WATT AMP ASSY VHF HB R-3	1 EA
1	20B123565	METERING BOARD FOR MX1V R-11	1 EA

Line	Symbol	Item No.	Description	Quantity
10		20B1233P1	PCB R-4	1 EA
11		20B1234	PATTERN R-3	0 EA
12		20B1236	SILKSCREEN R-3	0 EA
13		20B2448	ASSEMBLY DRAWING R-0	0 EA
15		CE100F24-11	END CONNECTORS	1 EA
16		B1570-B-1/4-05	SPACER TIN PLATED	4 EA
17		EC100F-11	COVER	1 EA
18		MLSS100-11	LOCKING HEADER	1 EA
19		1280B	TURRET	1 EA
20		2062-0000-00	RECEPTACLE SEE 50-651-0000-31	1 EA
22		50B-AG110	IC SOCKET 8 PIN	1 EA
	C1	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C3	681-10689	CAP 68p 100V CERAMIC	1 EA
	C4	681-10689	CAP 68p 100V CERAMIC	1 EA
	C7	344-15474	CAP u4763V FILM SEE 372-21474	1 EA
	C9	TAP2.2M16	CAP 2u2 16V TANT	1 EA
	C10	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C11	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C12	630-09472	CAP 4700p 100V CERAMIC	1 EA
	C13	630-09472	CAP 4700p 100V CERAMIC	1 EA
	CR1	HP5082-2800	DIODE SEE ECS#503 OR 1N5711	1 EA
	CR3	HP5082-2800	DIODE SEE ECS#503 OR 1N5711	1 EA
	L1	550-3640-450200	INDUCTOR 10uH SEE 1537-36	1 EA
	Q1	MPS8598	TRANSISTOR PNP GEN PURP	1 EA
	R1	3R152P911J	RES 1/4W 5% 910	1 EA
	R2	3R152P510J	RES 1/4W 5% 51	1 EA
	R5	3R152P472J	RES 1/4W 5% 4K7	1 EA
	R7	3R152P472J	RES 1/4W 5% 4K7	1 EA
	R9	3R152P102J	RES 1/4W 5% 1K	1 EA
	R11	3R152P275J	RES 1/4W 5% 2M7	1 EA
	R13	3R152P101J	RES 1/4W 5% 100	1 EA
	R17	3R152P122J	RES 1/4W 5% 1K2	1 EA
	R18	3329H-1-102	POT 1K	1 EA
	R21	3R152P104J	RES 1/4W 5% 100K	1 EA
	R27	3R152P513J	RES 1/4W 5% 51K	1 EA
	R29	3R152P102J	RES 1/4W 5% 1K	1 EA
	R32	3329H-1-104	POT 100K	1 EA
	R33	3R152P123J	RES 1/4W 5% 12K	1 EA
	R34	3R152P472J	RES 1/4W 5% 4K7	1 EA
	R38	3R152P393J	RES 1/4W 5% 39K	1 EA
	R39	3R152P101J	RES 1/4W 5% 100	1 EA
	U1	LM358N	IC OP AMP	1 EA
	VR1	MC78L12CP	IC VOLT REG	1 EA

Larcen Communication
Final Handbook Parts List

Level	Item No.	Description	Quantity
0	400218062	1 WATT AMP ASSY VHF HB R-3	1 EA
1	20870461	BANDPASS FILTER ASSY R-2	1 EA

Line	Symbol	Item No.	Description	Quantity
1		208704P1	BANDPASS FILTER ASM DWG R-1	0 EA
9		2082181P1	NAMEPLATE R-0	1 EA
10		1590B	HAMMOND DIECAST BOX	0 EA
11		208705P1	BOX REWORK R-1	1 EA
12		10A234P1	FILTER BOX MOUNTING BRKT R-0	2 EA
13		PR-58	POP RIVET	4 EA
14		#4	HARNESS	5 EA
15		6-32 1-1/2 SCRW	SCREW	4 EA
16		#6 INT	LOCKWASHER	4 EA
22		10A769	SCHEMATIC	0 EA
23		5402	CAPACITOR 5402PC	1 EA
24		5402	CAPACITOR 5402PC	1 EA
25		5402	CAPACITOR 5402PC	1 EA
26		5402	CAPACITOR 5402PC	1 EA
27		5402	CAPACITOR 5402PC	1 EA
30		10A766P1	AIR COIL-6T 14GA 3/8" 0 R-1	1 EA
31		10A766P1	AIR COIL-6T 14GA 3/8" 0 R-1	1 EA
32		10A766P1	AIR COIL-6T 14GA 3/8" 0 R-1	1 EA
33		10A766P1	AIR COIL-6T 14GA 3/8" 0 R-1	1 EA
34		10A766P2	AIR COIL 8T 18GA 5/16" R-1	1 EA
38		2056-0000-00	CONNECTOR	1 EA
39		2056-0000-00	CONNECTOR	1 EA

Larcan Communication
Final Handbook Parts List

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1	400218062	1 WATT AMP ASSY VHF HB R-3
2	10A145366	PCB PHASE SHIFT ASSY (MX1V)R13
3	10A125064	DIR COUPLER ASSY R-6
4	208123565	METERING BOARD FOR MX1V R-11
5	20870461	BANDPASS FILTER ASSY R-2