

LINC i400S

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CODE: 50720	7



Spare Parts

SP50720 REV01
11/2024

ASSEMBLY PAGE NAME			Machine Assembly	Machine Assembly	Machine Assembly	Miscellaneous Items		
CODE NO.:	K NO.:	FIGURE NO.:	A	B	C	-		
50720	K14438-1	LINC i400S	1	1	1	1		

*items highlighted in bold are recommended spare parts

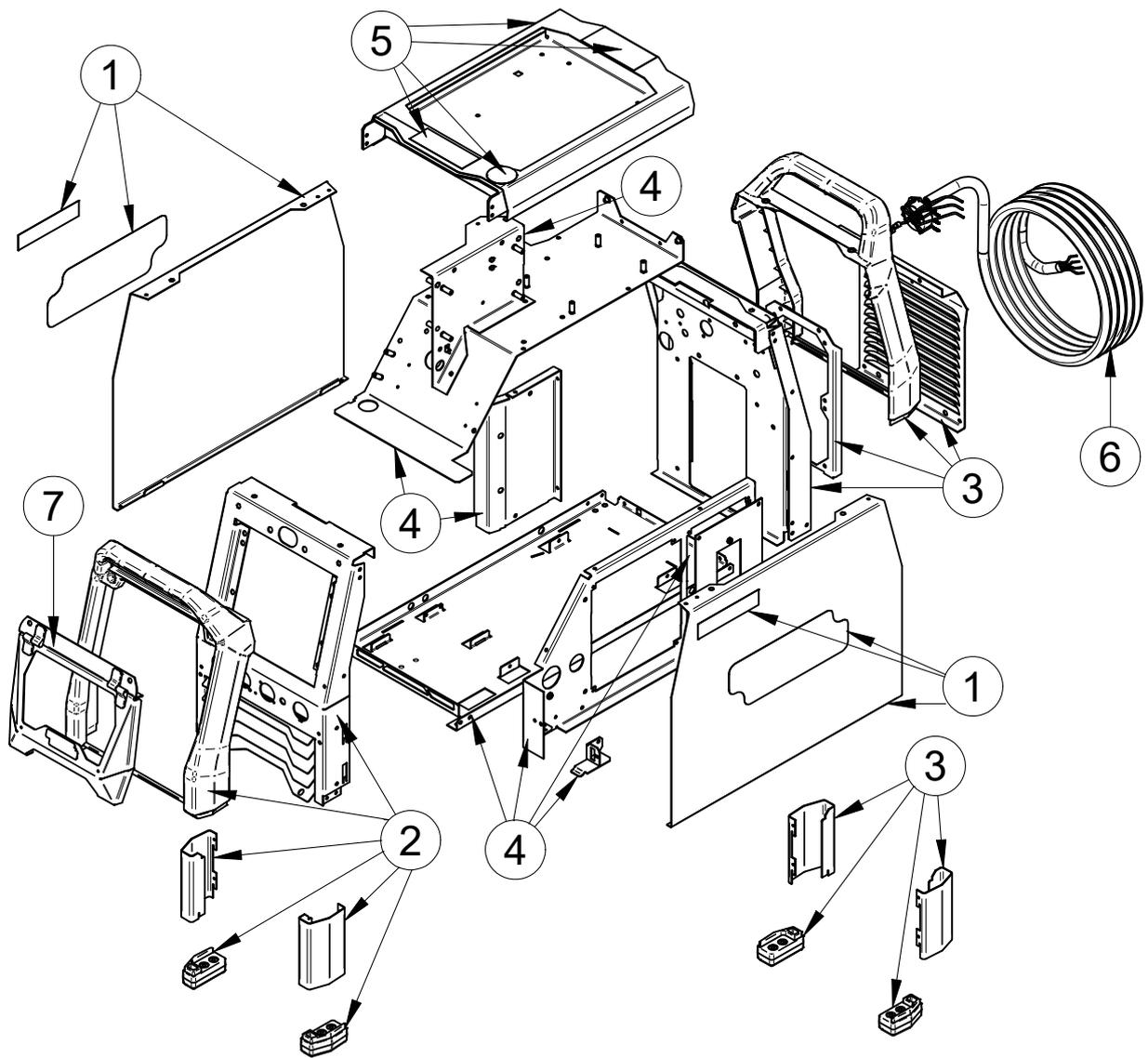


Figure A

Figure A: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7	
1	SIDE PANEL KIT includes:	T-8040-242-1R	1	X							
	SIDE PANEL		2	X							
	LINCOLN ELECTRIC SIDE LABEL		2	X							
	LINC LABEL		2	X							
2	FRONT PANEL KIT includes:	T-8040-243-1R	1	X							
	FRONT HANDLE CASE COMPLETE		1	X							
	FRONT PANEL ASSEMBLY		1	X							
	RIGHT COVER		1	X							
	FOOT		1	X							
	LEFT COVER		1	X							
	FOOT		1	X							
3	REAR PANEL KIT includes:	T-8040-244-1R	1	X							
	FRONT HANDLE CASE COMPLETE		1	X							
	BACK PANEL ASSEMBLY		1	X							
	LABEL F1/2A		1	X							
	STOPPER TZ8		1	X							
	COVER		1	X							
	BRACKET		1	X							
	RIGHT COVER		1	X							
	FOOT		1	X							
	LEFT COVER		1	X							
	FOOT		1	X							
4	BASE, PARTITION, SHELF KIT includes:	T-8040-245-1R	1	X							
	BASE ASSEMBLY		1	X							
	BRACKET		1	X							
	SHELF ASSEMBLY		1	X							
	PARTITION ASSEMBLY		1	X							
	PARTITION ASSEMBLY		1	X							
	BRIDGE BRACKET		1	X							
	BRACKET		1	X							
5	COVER KIT includes:	T-8040-246-1R	1	X							
	TOP PLATE ASSEMBLY		1	X							
	BRACKET		1	X							
	BRACKET		1	X							
	WARNING LABEL		1	X							
	WARNING LABEL		1	X							
	STICKER		1	X							
6	POWER LEAD	R-5041-657-2R	1	X							
7	CONTROL PANEL COVER	T-8040-079-1R	1	X							

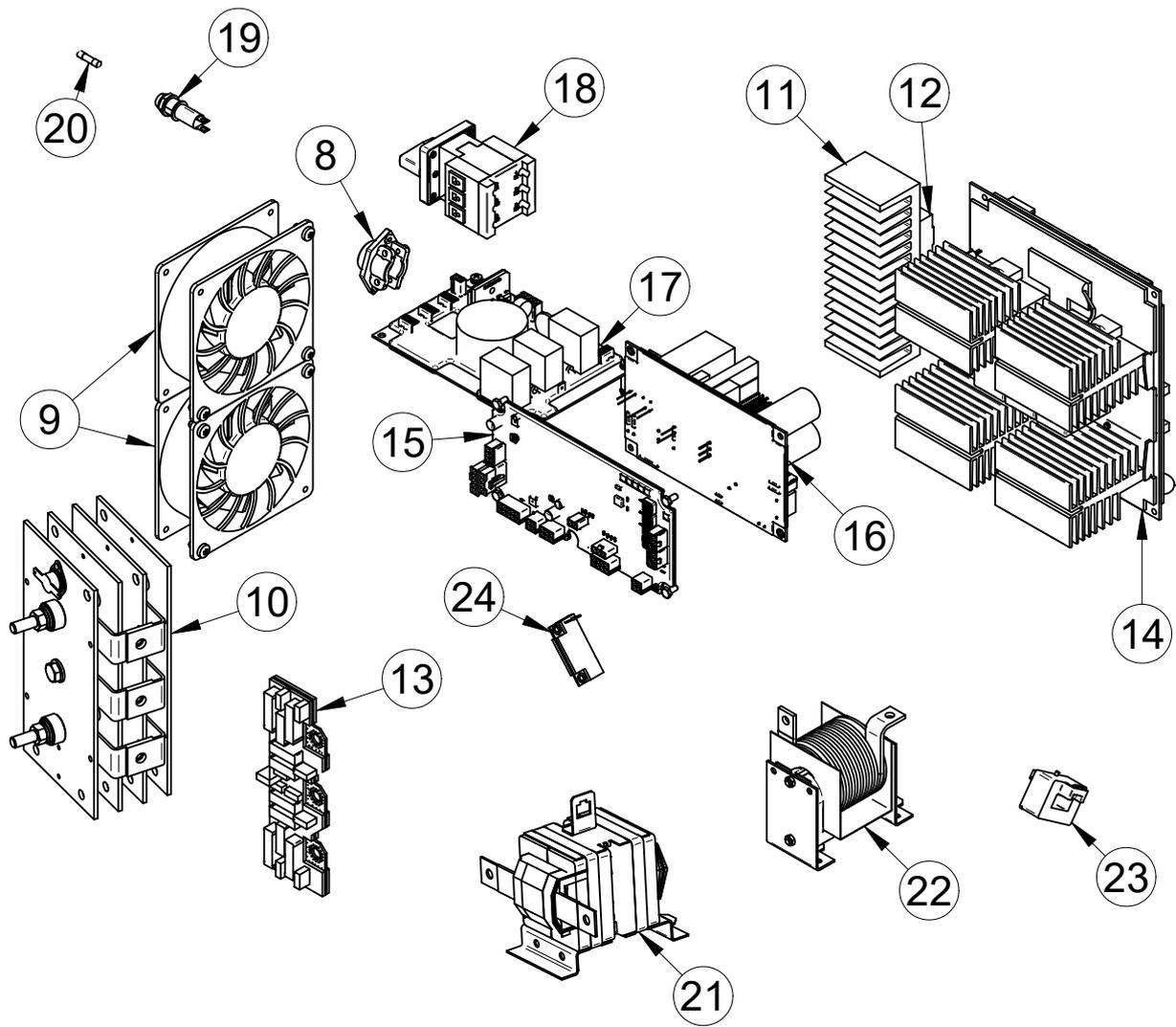


Figure B

Figure B: Inside Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
8	STRAIN RELIEF	1361-599-674R	1	X						
9	FAN	R-8040-433-1R	2	X						
10	OUTPUT BRIDGE	R-0000-364-1R	1	X						
11	HEATSINK	R-0000-047-1R	1	X						
12	INPUT RECTIFIER V1	W4100021R	1	X						
13	OUTPUT AND FILTER BOARD	Y087-1R	1	X						
14	UNIVERSAL SiC INVERTER - 400A	Y092-4R	1	X						
	<i>Y092-5R and Y092-6R are substitutes for Y092-4R</i>									
15	CONTROL BOARD	R-6042-105-1R	1	X						
16	AUXILIARY POWER SUPPLY BOARD	R-6042-129-1R	1	X						
17	INPUT EMI FILTER BOARD	Y074-2R	1	X						
18	SWITCH 3Ph 40A AND FLACEPLATE	W7511709R	1	X						
19	FUSE HOLDER + FUSE CAP	1158-632-034R	1	X						
20	FUSE 6.3X32 2A 400V WB-CT	1158-660-110R	1	X						
21	TRANSFORMER	R-4034-186-1R	1	X						
22	CHOKE	R-0000-446-1R	1	X						
23	CURRENT SENSOR 4V 300A +/-15V	1157-769-157R	1	X						
24	OUTPUT EMC-FILTER	Y097-3R	1	X						

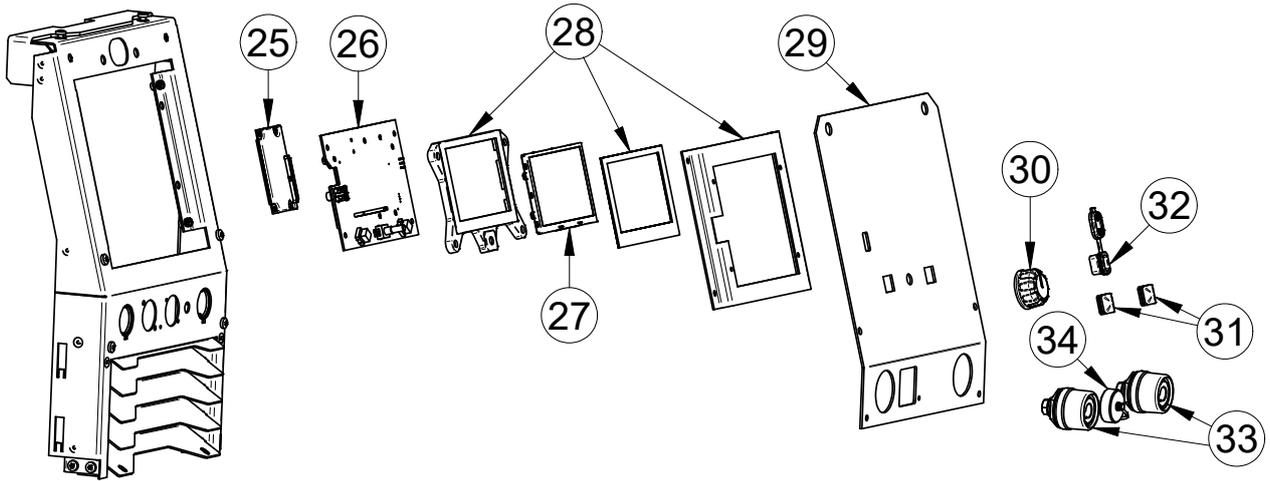


Figure C

Figure C: Front Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
25	SoM BOARD	R-6042-109-2R	1	X						
26	TFT FRONT PANEL BOARD	R-6042-106-2R	1	X						
27	5 INCH TFT COLOR DISPLAY	0942-172-003R	1	X						
28	DISPLAY KIT includes:	T-8040-204-1R	1	X						
	SCREEN 5" BRACKET		1	X						
	DISPLAY FOAM		1	X						
	BRACKET		1	X						
29	FRONT PANEL	R-0000-442-1R	1	X						
30	KNOB, 1.5"	9SM22778-2	1	X						
31	BUTTON COVER	9SS23055	2	X						
32	USB CAP	R-0010-804-1R	1	X						
33	SOCKET X2, X3, X4	90000595PR	2	X						
34	PROTECTION COVER PLUG AMP	1158-641-128R	1	X						

Miscellaneous Items (not shown in figure A, B, C)

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
35	HARNESSES KIT	T-8040-249-1R	1	X						

Electrical Schematic

CODE: 50720

