IM3105
03/2020
REV03

COOL ARC® 24

Spare Parts 1
Figure A: Machine Assembly 1
Electrical Schematic 3
CODE: 50453 3
WEEE 4

Lincoln Electric Bester Sp. z o.o.
ul. Jana III Sobieskiego 19A, 58-263 Bielawa, Poland

Spare Parts

SP50453 REV00
03/2020

ASSEMBLY PAGE NAME			Machine Assembly	Miscellaneous Items				
CODE NO.:	**K NO.:**	**FIGURE NO.:**	**A**	**-**				
50453	K14190-1	COOL ARC® 24	1	1				

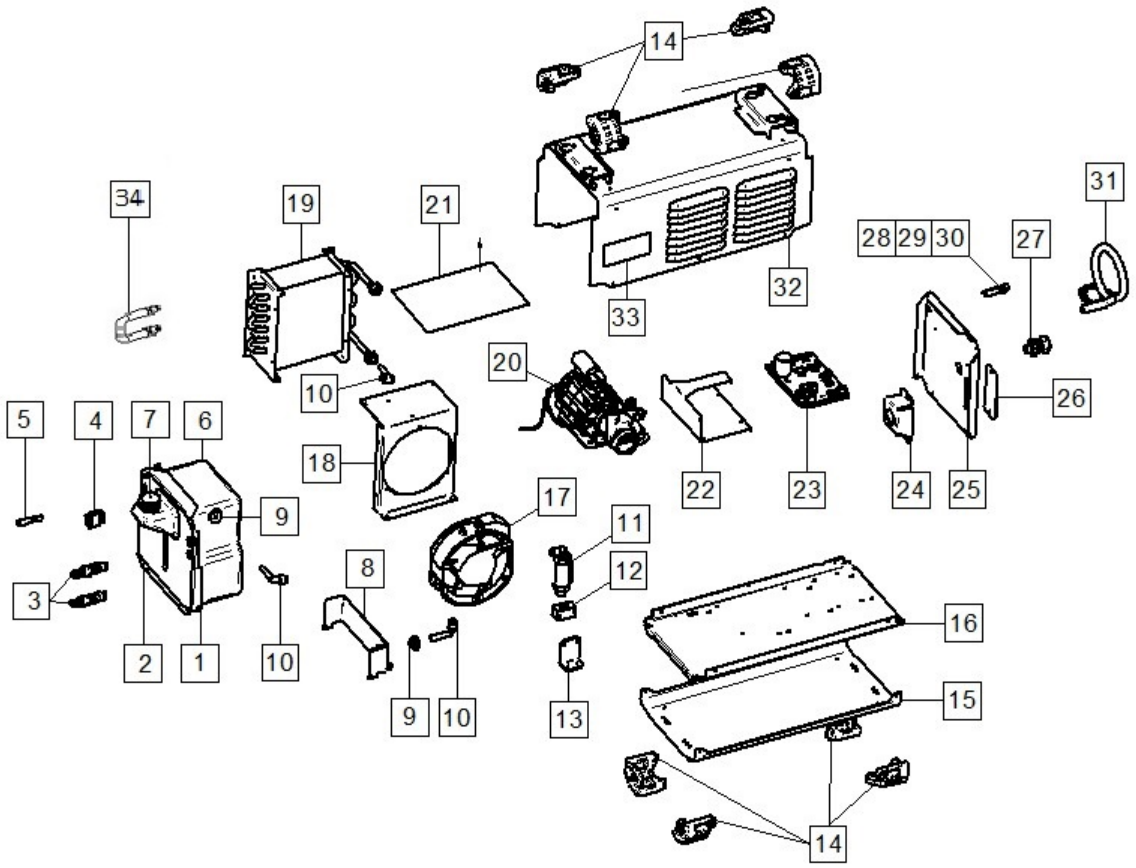


Figure A

Figure A: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
1	FRONT PANEL	R-3119-019-1R	1	X						
2	STICKER	R-0000-037-1R	1	X						
3	QUICK CONNECT COUPLING	0744-320-058R	2	X						
4	SWITCH S1	1115-270-007R	1	X						
5	LAMP H1	0917-421-004R	1	X						
6	RESERVOIR	R-2013-113-1R	1	X						
7	RESERVOIR'S NUT	1364-161-008R	1	X						
8	BRACKET	R-1019-310-1R	1	X						
9	GASKET	9SS19563	2	X						
10	PLASTIC ELBOW CONNECTOR	0744-320-055R	3	X						
11	FLOW SENSOR	R-5141-064-1R	1	X						
12	HOLDER	R-2013-166-1R	1	X						

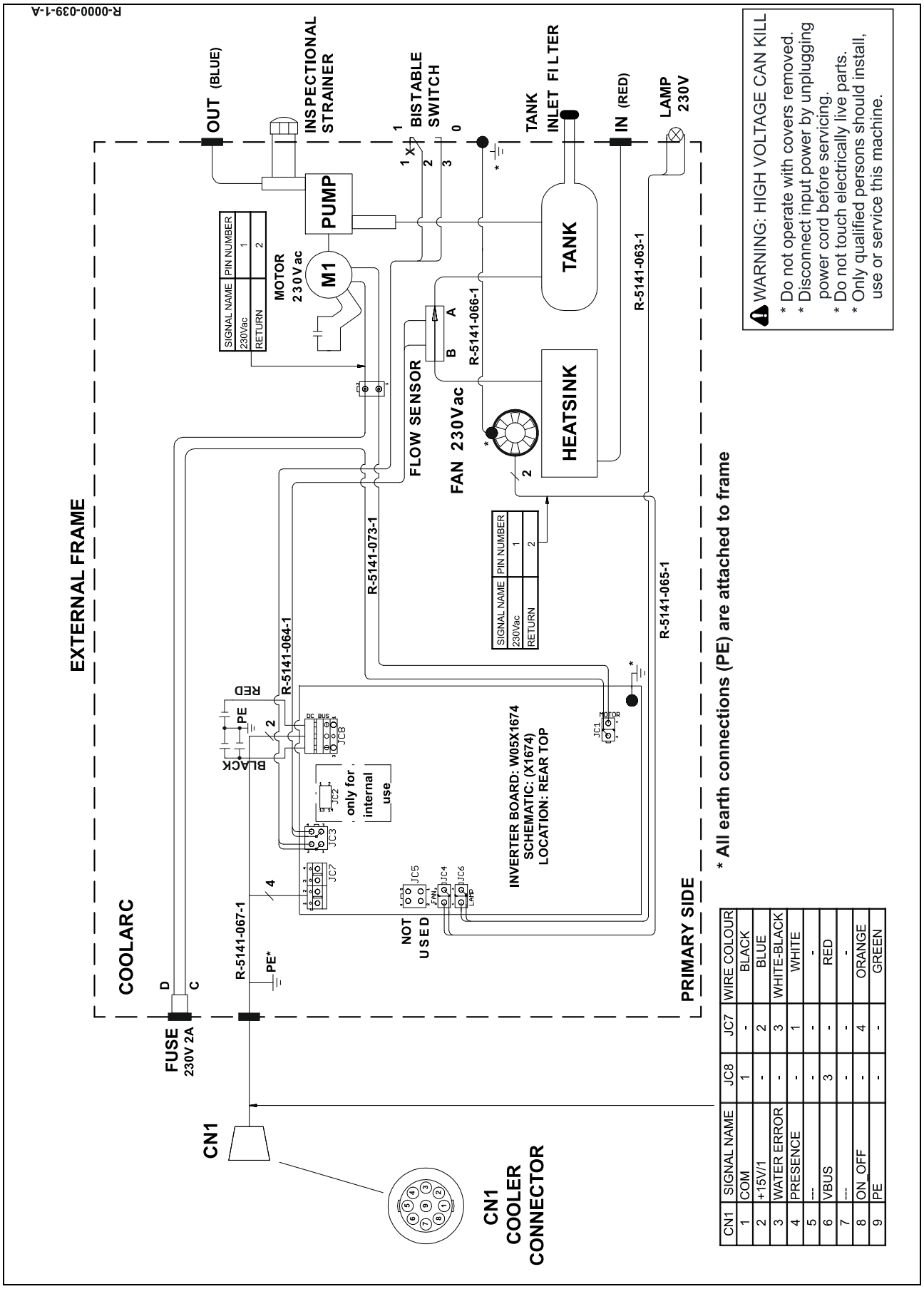
13	FLOW SENSOR BRACKET	R-1019-472-1R	1	X						
14	CORNER CAP	W95X1147R	8	X						
15	COVER	R-3019-522-1R	1	X						
16	BASE	R-3119-018-1R	1	X						
17	FAN	0873-100-031R	1	X						
18	BRACKET	R-1019-310-1/08R	1	X						
19	RADIATOR	W91X1697R	1	X						
20	PUMP	R-8040-395-1R	1	X						
21	WIRING DIAGRAM	R-0000-039-1R	1	X						
22	BRACKET for W05X1674E	R-3119-017-1R	1	X						
23	INVERTER BOARD POTTING	W05X1674ER	1	X						
24	FILTER BRACKET	R-3119-016-1R	1	X						
25	REAR PANEL	R-3119-015-1R	1	X						
26	COVER FILTER INSPECTION	R-1119-008-1R	1	X						
27	CABLE CLAMP PG16 BLACK RoHS	W8400006R	1	X						
28	FUSE SOCKET	1158-632-032R	1	X						
29	FUSE CAP	1158-632-033R	1	X						
30	2A SLOW BLOW FUSE	1158-660-010R	1	X						
31	INPUT CABLE	R-5141-067-1R	1	X						
32	COVER	R-3019-521-1R	1	X						
33	WARNING LABEL	R-7040-347-4R	1	X						
34	HOSE WITH QUICK WATER CONNECTOR	D-2218-150-1R	1	X						

Miscelaneous Items (not shown on Figure A)

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
35	STICKER (NOT SHOWN)	W07X1735R	1	X						
36	STICKER (NOT SHOWN)	W0700020R	1	X						
37	WIRING HARNESS	R-5041-313-1R	1	X						
38	WIRING HARNESS	R-5041-313-5R	1	X						
39	WIRING HARNESS	R-5041-064-1R	1	X						
40	WIRING HARNESS	R-5141-065-1R	1	X						
41	WIRING HARNESS	R-5141-066-1R	1	X						
42	WIRING HARNESS	R-5141-066-2R	1	X						
43	WIRING HARNESS	R-5141-066-3R	1	X						

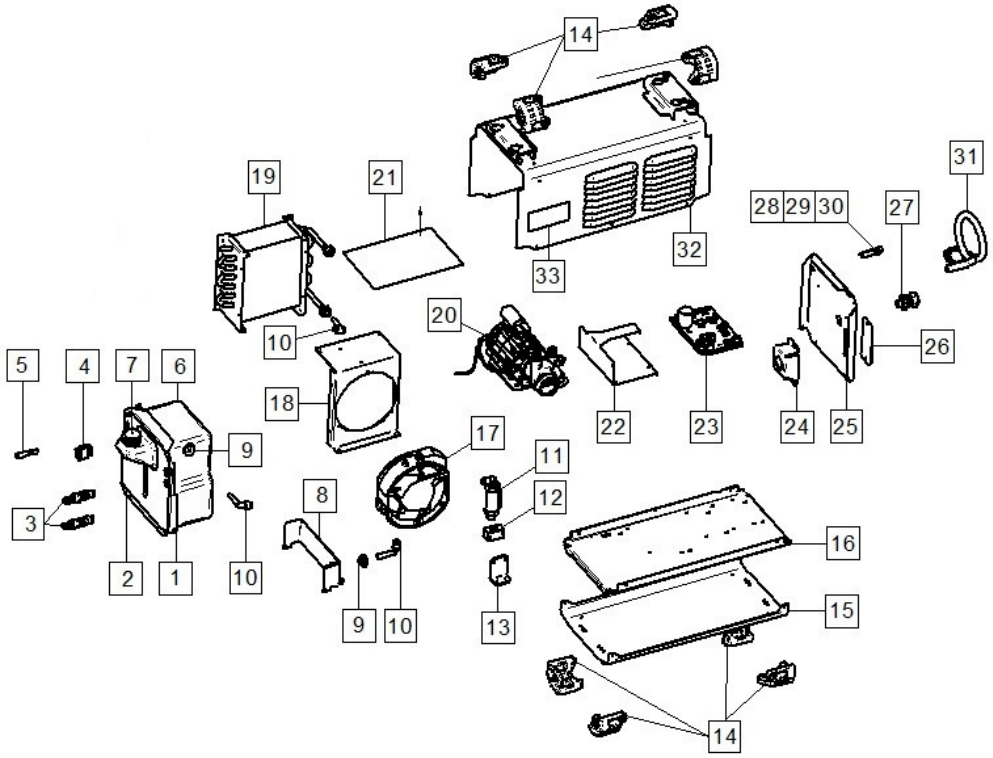
Electrical Schematic

CODE: 50453



CN1	SIGNAL NAME	JC8	JC7	WIRE COLOUR
1	COM	1	-	BLACK
2	+15V/1	-	2	BLUE
3	WATER ERROR	-	3	WHITE-BLACK
4	PRESENCE	-	1	WHITE
5	---	-	-	-
6	VBUS	3	-	RED
7	---	-	-	-
8	ON_OFF	-	4	ORANGE
9	PE	-	-	GREEN

WEEE



Description	Ref.	Recycle				ST				
		Fe	Al	Cu	Brass	Boards	Plastics	Liquid Cristal	External Electric Cables	Capacitors
FRONT PANEL	1	X								
COVER	15, 26,32	X								
BRACKET	8,13,18,22,24	X								
BASE	16	X								
FAN	17	X		X			X			
CORNER CAP	14						X			
REAR PANEL	25	X								
RESERVOIR COMPLETE	6,7				X		X			
PUMP	20	X	X	X			X			
RADIATOR	19	X	X	X						
FLOW SENSOR	11	X		X			X		X	
CONNECT COUPLING	3				X					
LAMP	5						X		X	
SWITCH	4	X		X			X			
FUSE SOCKET	28,29	X					X			
CABLE CLAMP	27						X			
FERRULE	10				X		X			
POWER LEAD	31								X	
GASKET	9						X		X	
POWER LEAD	31								X	
INVERTER BOARD	23					X				