

SPEEDTEC® 200C BR

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Spare Parts

SP50588 REV04
12/2023

ASSEMBLY PAGE NAME			Machine Assembly	Machine Assembly	Wire Drive Assembly	Euro Socket Assembly	Miscellaneous Items	
CODE NO.:	K NO.:	FIGURE NO.:	A	B	C	C	-	
50588	K14099-3	SPEEDTEC® 200C BR	1	1	1	1	1	

*items highlighted in bold are recommended spare parts

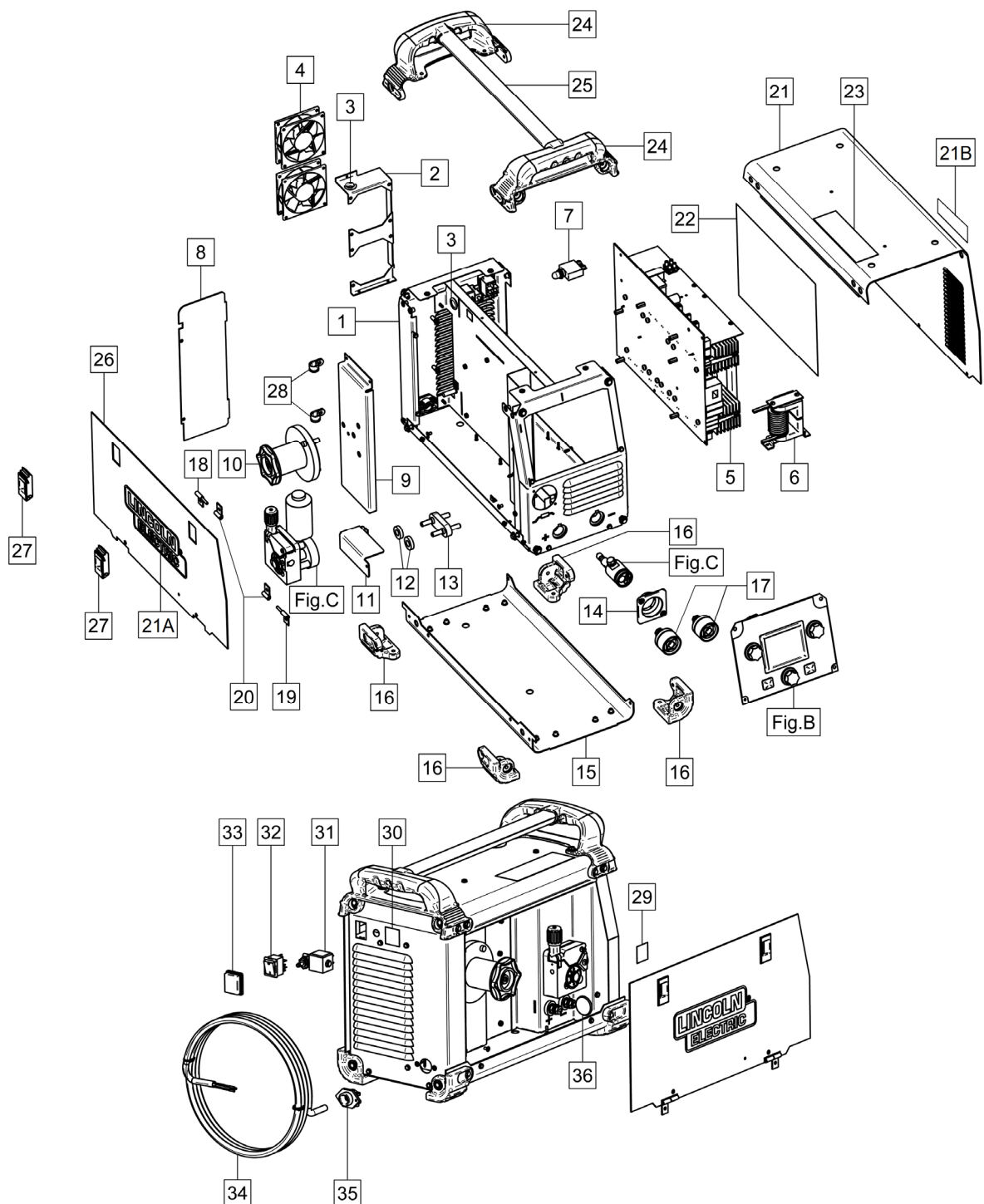


Figure A.

Figure A: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
1	RACK	R-3019-296-4/08R	1	X						
2	BRACKET	R-1019-292-2/08R	1	X						
3	RUBBER CABLE BUSH	1373-182-002R	2	X						
4	FAN M1, M2	1111-311-082R	2	X						
5	P.C. BOARD	R-6042-064-3R	1	X						
6	CHOKE L1	R-4034-148-1R	1	X						
7	THERMAL CIRCUIT BREAKER F1	1115-299-033R	1	X						
8	COVER	R-1019-336-1/08R	1	X						
9	SUPPORT	R-1019-297-1/08R	1	X						
10	REEL HUB COMPLETE	R-2013-126-1R	1	X						
11	COVER	R-1019-338-1/08R	1	X						
12	INSULATOR RING	D-1869-007-3R	2	X						
13	TERMINAL BLOCK X4	1361-599-328R	1	X						
14	EURO SLEEVE	0646-231-005R	1	X						
15	COVER	R-3019-299-1/02R	1	X						
16	CORNER CAP	W95X1147R	4	X						
17	SOCKET X2, X3	C-2986-001-2R	2	X						
18	HINGLE AND AXLE	D-3574-011-3/02R	1	X						
19	HINGLE AND AXLE	D-3574-011-4/02R	1	X						
20	HINGLE	D-3574-007-1/33R	2	X						
21	COVER	R-1012-563-1/02R	1	X						
21A	LABEL LINCOLN	R-000-087-1R	2	X						
21B	LABEL SPEEDTEC 200C	R-0010-444-1R	1	X						
22	STICKER (WIRING DIAGRAM)	R-0010-488-4R	1	X						
23	STICKER	2719-107-728R	1	X						
24	HANDLES	W95X1146R	2	X						
25	CENTRAL HANDLE	W92X0228-7R	1	X						
26	LEFT SIDE PANEL	R-3016-030-1/02R	1	X						
27	LOCK	0654-610-004R	2	X						
28	CABLE CLAMP	1119-510-100R	2	X						
29	STICKER	2719-107-732R	1	X						
30	STICKER (GAS)	2719-107-733R	1	X						
31	GAS SOLENOID K2	0972-423-040R	1	X						
32	SWITCH S1	1115-270-019R	1	X						
33	BLACK FRAME SHIELD	1115-299-073R	1	X						
34	POWER LEAD	R-5041-106-4R	1	X						
35	CABLE RELIEF	1361-599-674R	1	X						
36	RUBBER CABLE GROMMET	1361-599-198R	1	X						

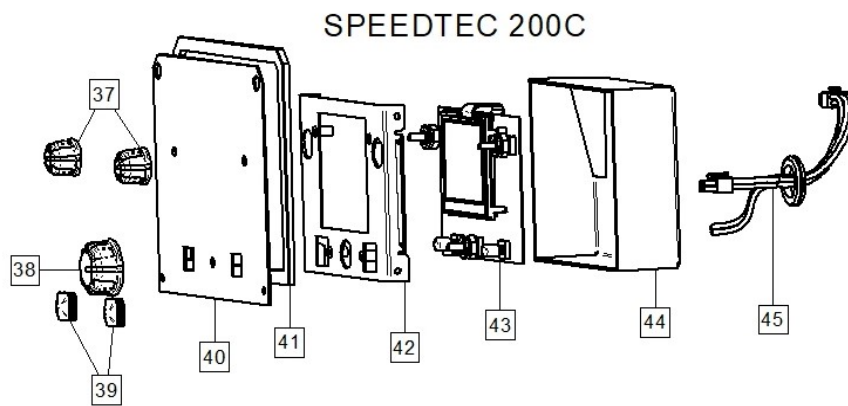


Figure B.

Figure B: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
37	KNOB	9SM22778-1	2	X						
38	KNOB	9SM22778-2	1	X						
39	RUBBER BUTTOM	9SS23055	2	X						
40	PANEL	R-0010-724-1	1	X						
41	FRONT PANEL GASKET	R-0010-838-1	1	X						
42	BRACKET	R-3019-269-1/08R	1	X						
43	P.C. BOARD COMPLETE	R-6042-063-1R	1	X						
	DISPLAY	0942-172-001R								
44	COVER	R-1019-302-1/08R	1	X						
45	WIRING HARNESS	R-5041-250-3R	1	X						

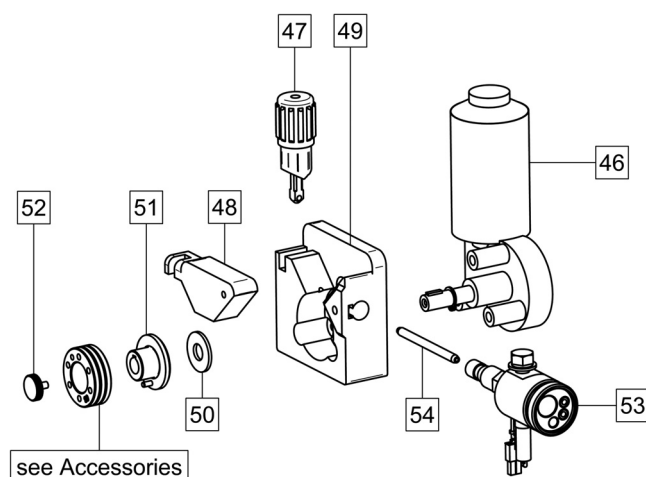


Figure C.

Figure C: Wire Drive Assembly & Euro Socket Assembly

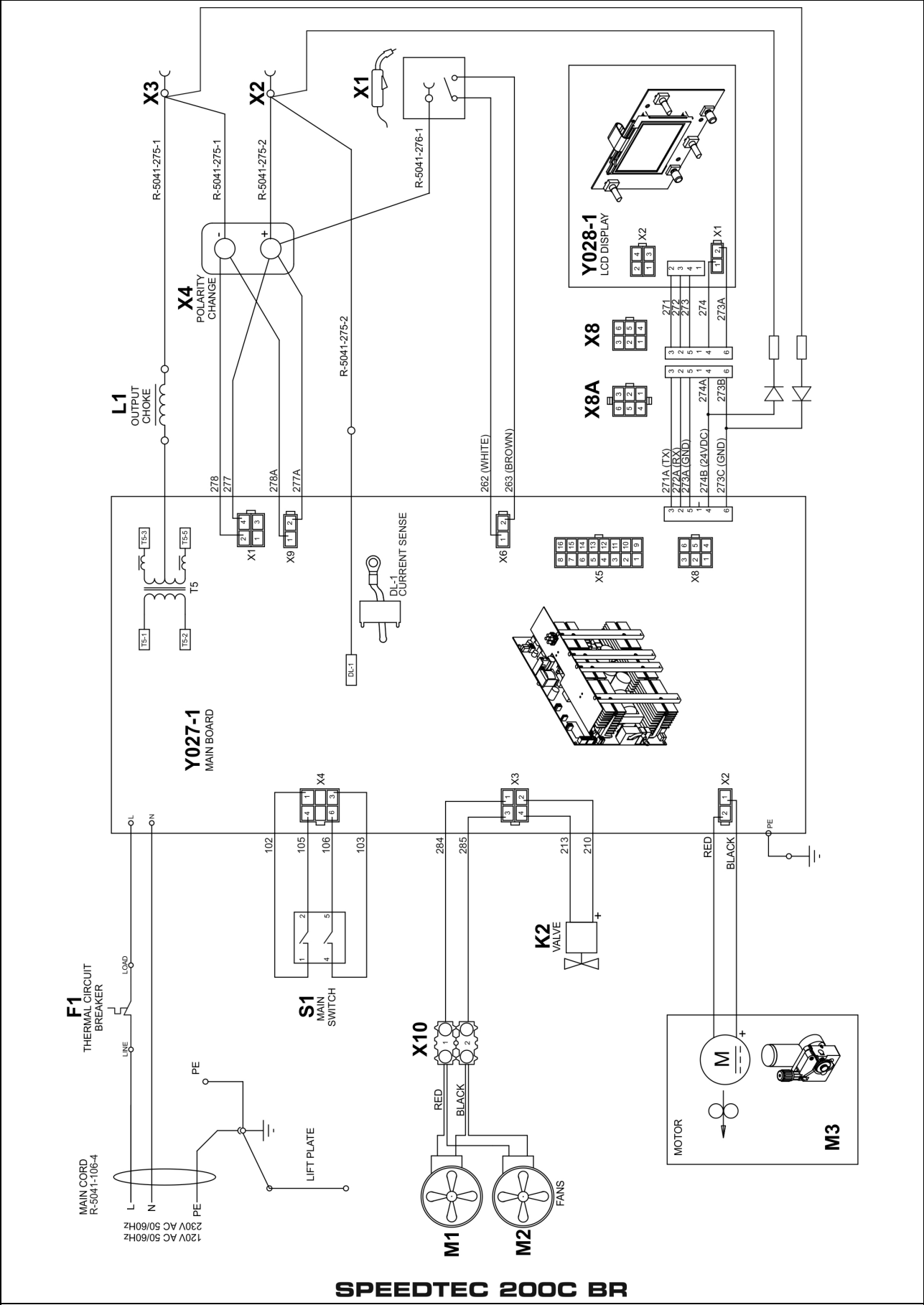
Item	Description	Part Number	QTY	1	2	3	4	5	6	7
	WIRE DRIVE ASSEMBLY	0744-000-269R	1	X						
46	MOTOR	0744-000-270R	1	X						
47	FIXING ARM COMPL.	0744-233-015R	1	X						
48	PRESSURE ARM COMPLETE	0744-000-249R	1	X						
49	FEED PLATE	0744-000-271R	1	X						
50	WASHER	0744-000-272R	1	X						
51	ADAPTER	0744-000-250R	1	X						
52	FIXING CAP	0744-000-251R	1	X						
53	EURO SOCKET X1	R-8040-294-2R	1	X						
54	OUTLET GUIDE	R-2010-017-1R	1	X						

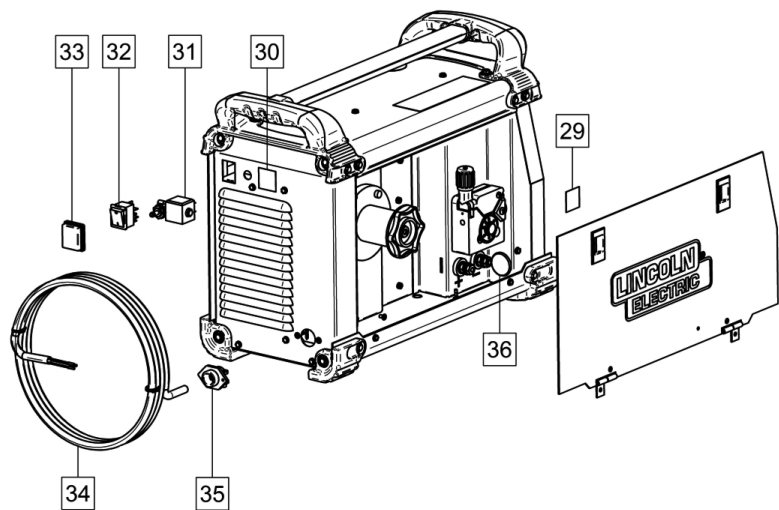
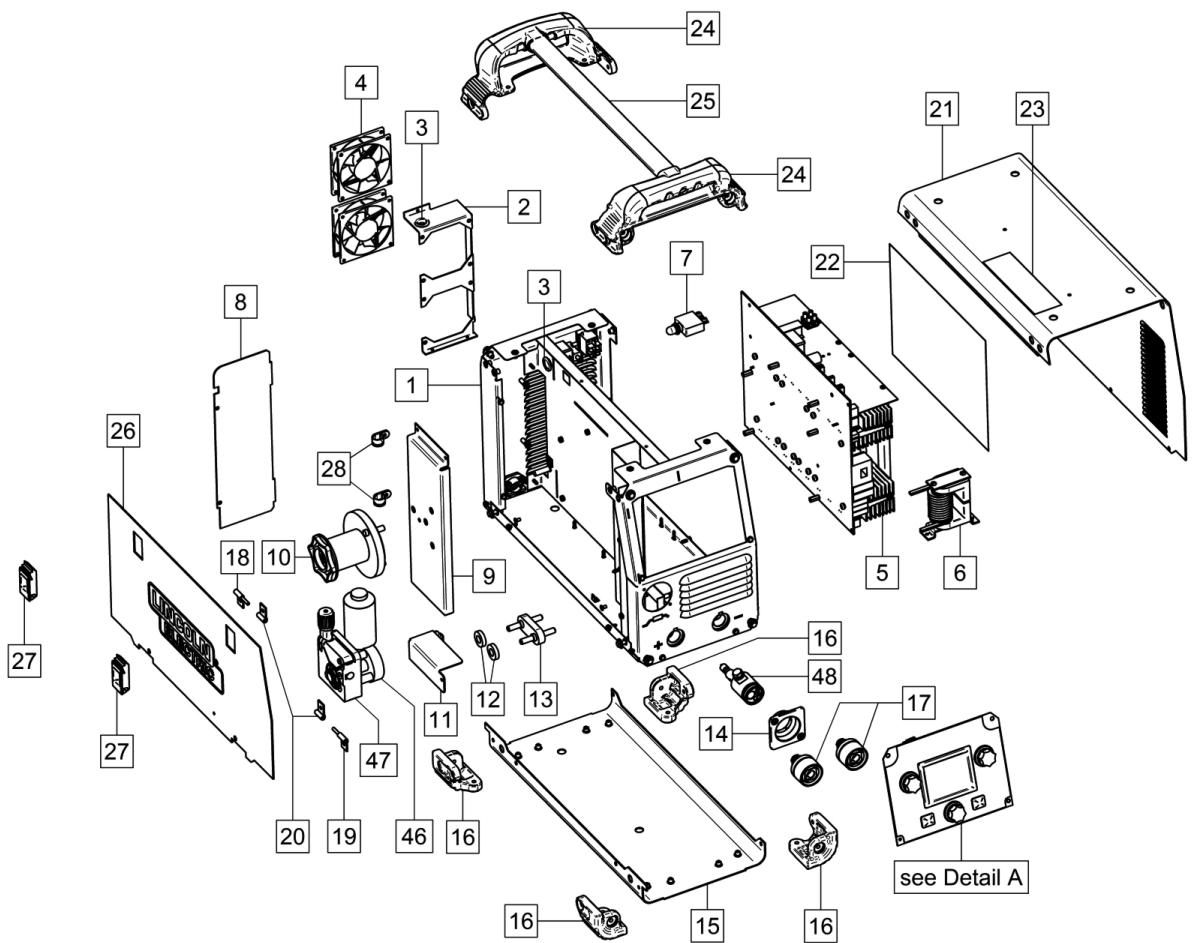
Miscellaneous Items (not shown in figure A, B, C)

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
55	WIRING HARNESS	R-5041-250-1R	1	X						
56	GROUND WIRE	R-5041-250-6R	1	X						
57	WIRING HARNESS	R-5041-250-8R	1	X						
58	WIRE	R-5041-275-1R	1	X						
59	WIRE	R-5041-275-2R	1	X						
60	WIRE	R-5041-276-1R	1	X						
61	VRD HARNESS	R-5041-290-1R	1	X						

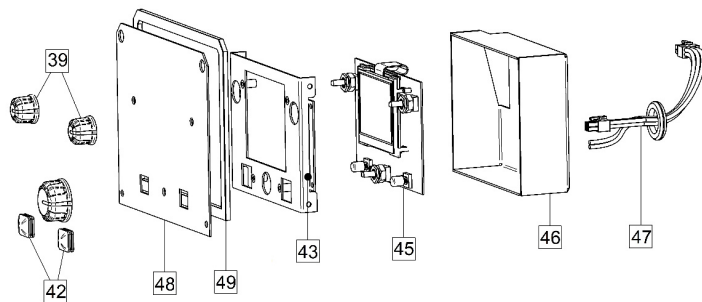
Electrical Schematic

CODE: 50588





SPEEDTEC 200C

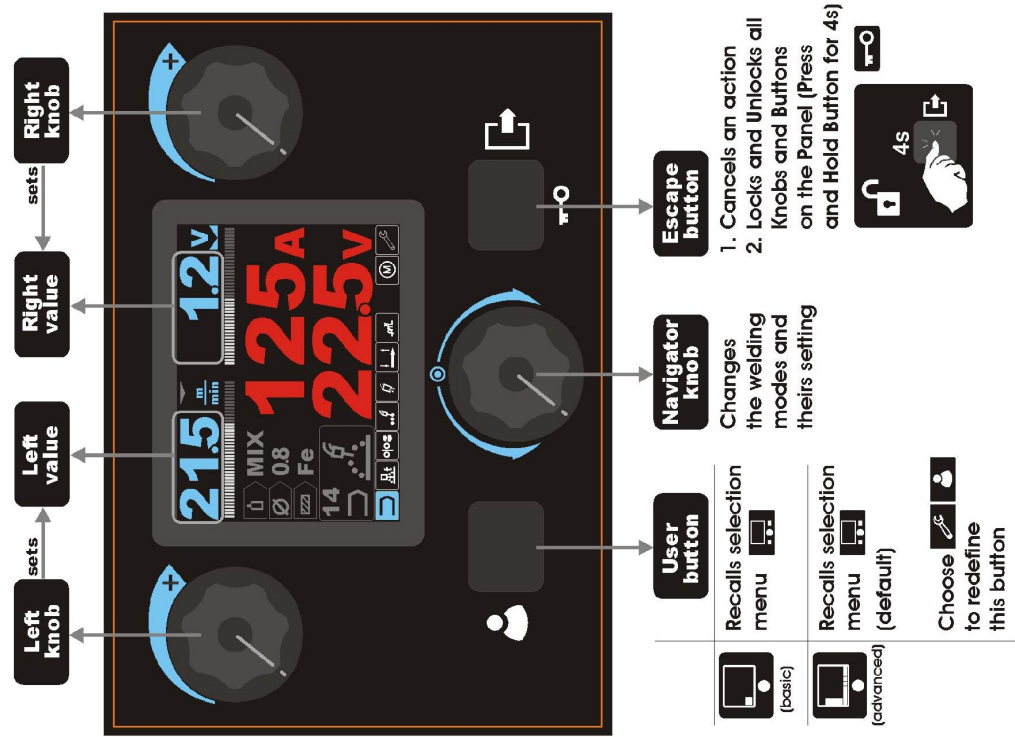


Description	Ref.	Recycle				ST				
		Fe	Al	Cu	Brass	Boards	Plastics	Liquid Cristal	External Electric Cables	Capacitors
RACK	1	X								
BRACKET	2	X								
COVER	8, 11, 15, 21,46		X							
LOCK	27						X			
LEFT SIDE PANEL	26		X							
FAN	4			X			X			
HINGLE	18, 19, 20	X								
P.C. BOARD	5		X	X		X	X			
P.C. BOARD	45					X		X		
WIRE REEL SPINDLE	10	X					X			
SUPPORT	9	X								
EURO SOCKET	48				X					
EURO SLEEVE	14						X			
SOCKET	17	X			X		X			
SWITCHES	32	X			X					
BLACK FLAME SHIELD	33						X			
KNOB	39						X			
BUTTON	42						X			
GAS SOLENOID	31	X		X	X		X			
INSULATOR RING	12						X			
WIRE FEEDER	47	X					X			
MOTOR	46	X		X	X		X			
TERMINAL BLOCK	13				X		X			
POWER LEAD	34			X					X	
CORNER CAP	16						X			
HANDLE	24						X			
HANDLE	25		X							
RUBBER CABLE BUSH	3, 36						X			
CABLE RELIEF	35						X			
CHOKE	6	X		X			X			
FRONT PANEL	40	X		X						
FRONT PANEL GASKET	49						X			
PANEL	48						X			
WIRING HARNESS	47								X	
STICKER	22,23,29,30, 38						X			
THERMAL CIRCUIT BREAKER	7	X			X		X			
CABLE CLAMP	28						X			

Quick Guide

QUICK GUIDE I

	Select Welding Process		SMAW (MMA) Welding		Basic menu
	Burnback		GMAW (MIG/MAG) Manual Welding		Brightness Level
	Run-in WFS		FCAW - Self-shielded Manual Welding		View Software and Hardware Version Information
	Preweld Time		GMAW (MIG/MAG) Synergic Welding		User Button
	Postflow Time		Select Process by Number		Cancel an Action
	Inductance		Select Gas		Switch On Output Voltage (TIG/MMA only)
	Spot Welding Setting		Select Wire Type (material)		Switch Off Output Voltage (TIG/MMA only)
	Spot Timer		Select Wire Size (diameter)		Unlock panel
	Switch off Spot Welding		Select Function of Gun Trigger (2-Step/4-Step)		Unlock Panel by Code
	2-Step		Configuration and Set-up		Hot Start
	4-Step		Lock/Unlock Panel		Arc Force
	Memory		Lock Panel		Adjust Voltage
	Save a Memory		Lock Panel by Code		Welding Material Thickness
	Recall a Memory (user memory)		Recall Factory Setting		Welding Current
	Clear a Memory		Select Menu (basic/advanced)		Wire Feeder Speed (WFS)
	GTAW (TIG) Welding		Advanced Menu		

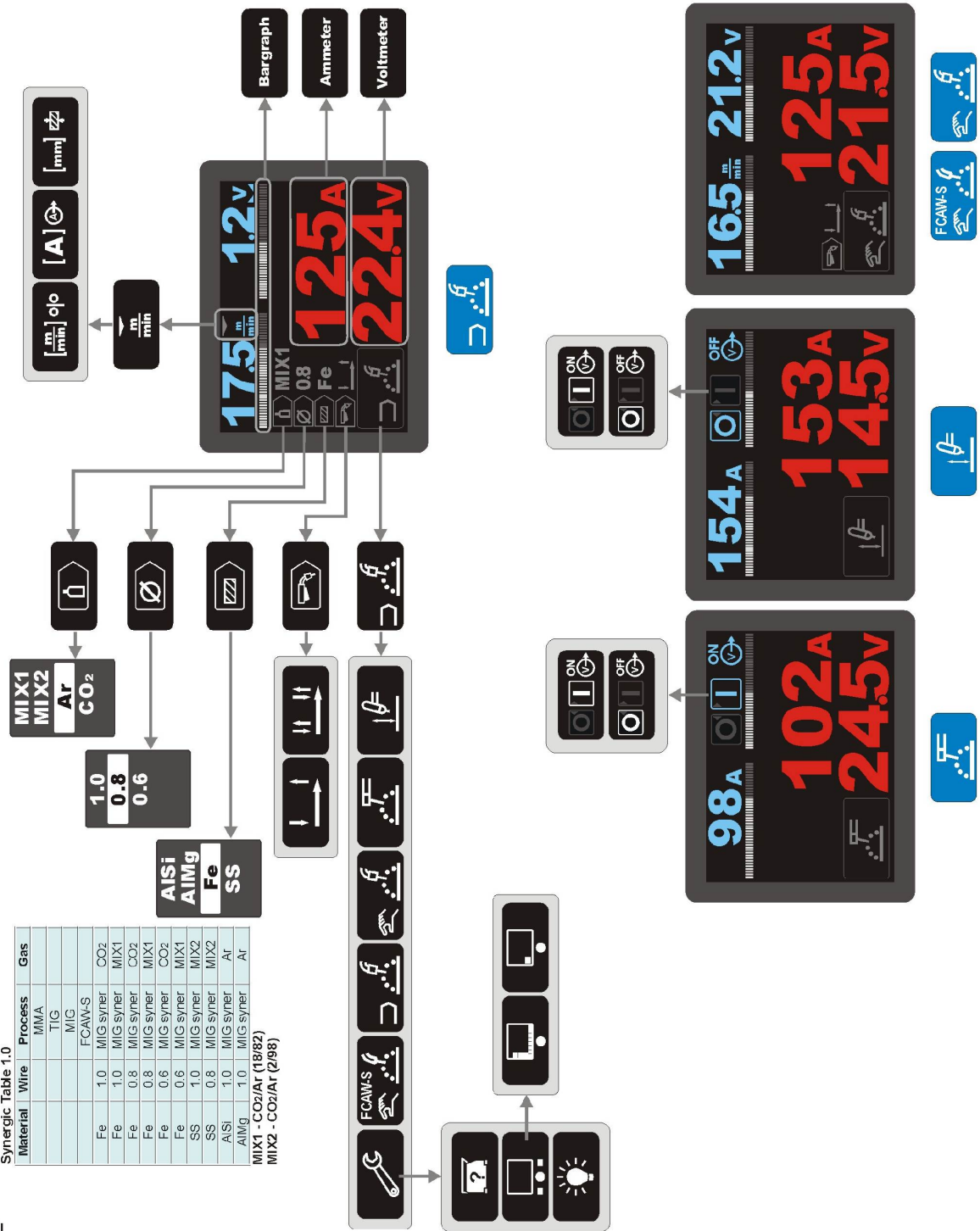


QUICK GUIDE II BASIC MENU

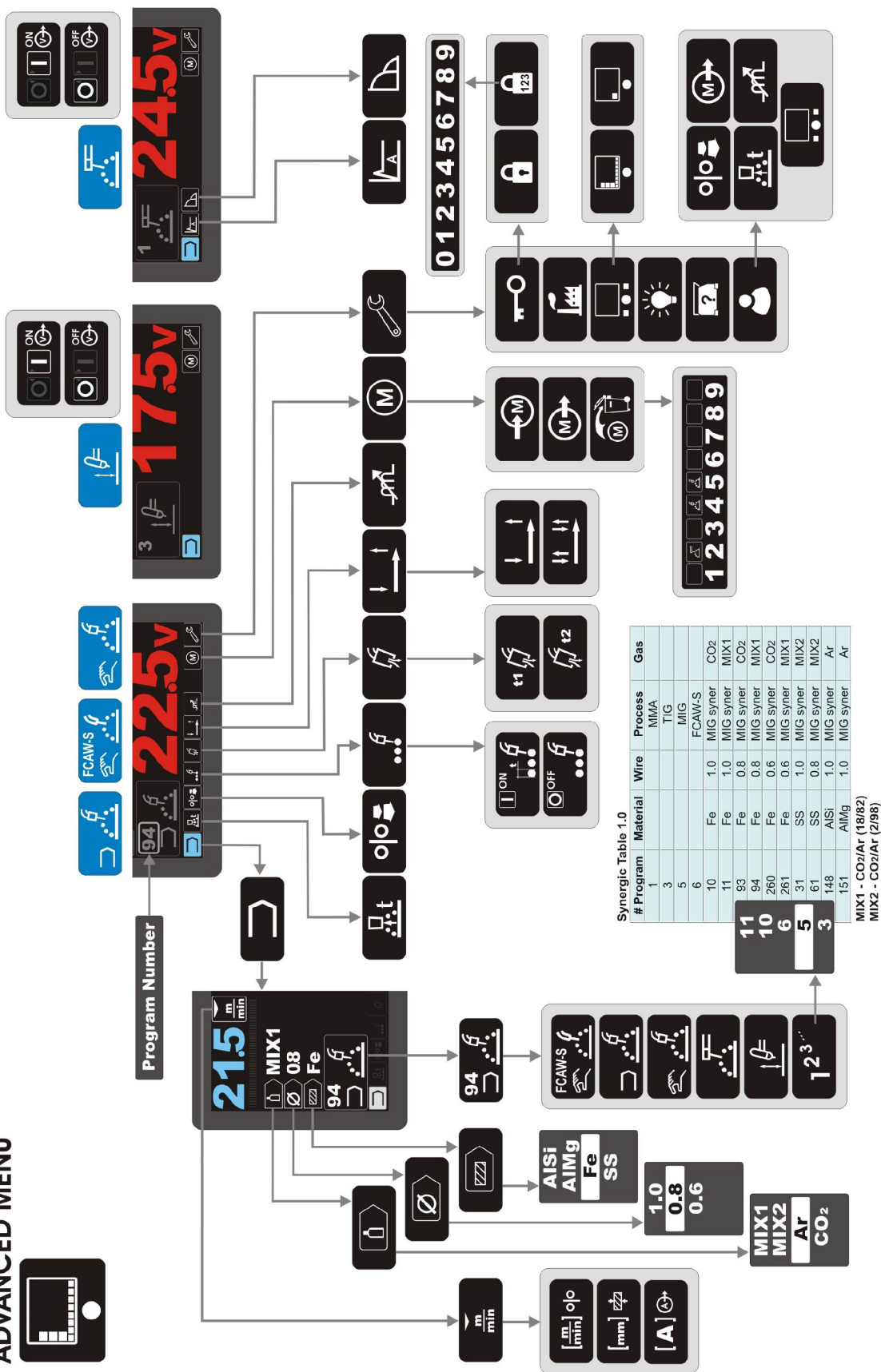


Synergic Table 1.0

Material	Wire	Process	Gas
		MMA	
		TIG	
		MIG	
		FCAW-S	
Fe	1.0	MIG syner	CO ₂
Fe	1.0	MIG syner	MIX1
Fe	0.8	MIG syner	CO ₂
Fe	0.8	MIG syner	MIX1
Fe	0.6	MIG syner	CO ₂
Fe	0.6	MIG syner	MIX1
SS	1.0	MIG syner	MIX2
SS	0.8	MIG syner	MIX2
AlSi	1.0	MIG syner	Ar
AlMg	1.0	MIG syner	Ar
MIX1 - CO ₂ /Ar (18/82)			
MIX2 - CO ₂ /Ar (2/98)			



QUICK GUIDE III **ADVANCED MENU**



Synergic Table 1.0

# Program	Material	Wire	Process	Gas
1			MMA	
3			TIG	
5			MIG	
6			FCAW-S	
10	Fe	1.0	MIG syner	CO2
11	Fe	1.0	MIG syner	MIX1
93	Fe	0.8	MIG syner	CO2
94	Fe	0.8	MIG syner	MIX1
260	Fe	0.6	MIG syner	CO2
261	Fe	0.6	MIG syner	MIX1
31	SS	1.0	MIG syner	MIX2
61	SS	0.8	MIG syner	MIX2
148	AISI	1.0	MIG syner	Ar
151	AlMg	1.0	MIG syner	Ar

MIX1 - CO2/Ar (18/82)
MIX2 - CO2/Ar (2/98)