

POWERTEC 305S, 365S, 425S, 505S

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Spare Parts

SP50147,SP50230, SP50231, SP232 REV02
08/11

ASSEMBLY PAGE NAME			Machine Assembly	Machine Assembly	Machine Assembly	Machine Assembly	Machine Assembly	Machine Assembly
CODE NO.:	K NO.:	FIGURE NO.:	A	B	C	D	E	F
50147	K14060-1	POWERTEC 305S	1	1	1	-	-	-
50232	K14061-1A	POWERTEC 365S	-	-	-	1	1	1
50231	K14062-1A	POWERTEC 425S	-	-	-	2	2	2
50230	K14063-1A	POWERTEC 505S	-	-	-	3	3	3

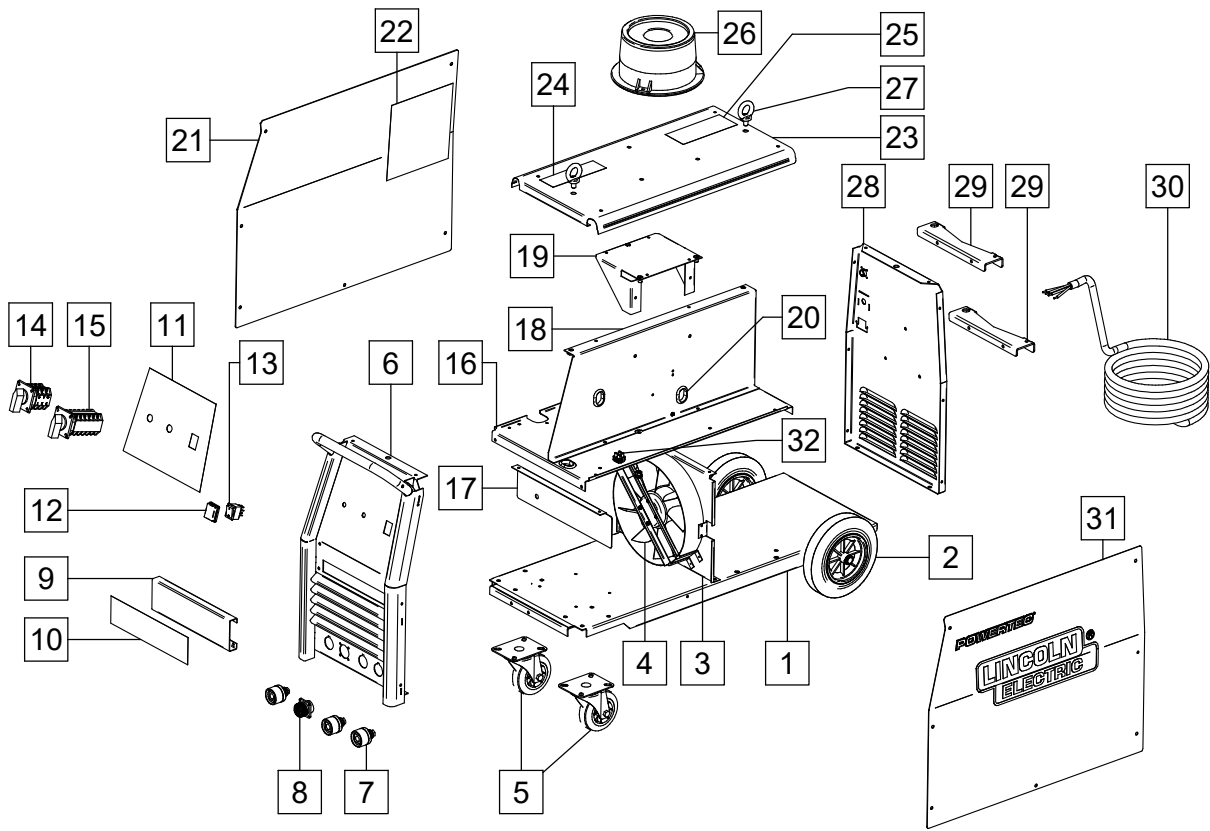


Figure A.

Figure A: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
1	BASE	R-3019-179-1/08R	1	X						
2	REAR WHEELS	1029-660-201R	2	X						
3	PARTITION	R-3019-183-1/08R	1	X						
4	FAN	R-8040-255-1R	1	X						
5	FRONT WHEELS	1029-660-101R	2	X						
6	FRONT PANEL	R-3019-186-1/08R	1	X						
7	SOCKET X2, X3, X4	C-2986-001-2R	3	X						
8	REMOTE SOCKET X10	1158-641-130R	1	X						
9	COVER	R-1019-211-1/02R	1	X						
10	STICKER	R-0010-237-1R	1	X						
11	STICKER	R-0010-246-1R	1	X						
12	BLACK FLAME SHIELD	1115-299-073R	1	X						
13	SWITCH S3	1115-270-019R	1	X						
14	SWITCH S2	1115-260-166R	1	X						
15	SWITCH S1	1115-260-167R	1	X						
16	SHELF	R-3019-187-1/08R	1	X						
17	SHIELD	R-1019-220-1/08R	1	X						
18	DIVIDER	R-3019-188-1/08R	1	X						
19	BRACKET	R-3019-093-1/08R	1	X						
20	RUBBER CABLE BUSH	1373-111-331R	3	X						
21	LEFT SIDE PANEL	R-1019-218-1R	1	X						
22	STICKER	R-0010-297-1R	1	X						
23	COVER	R-1019-212-1/02R	1	X						
24	STICKER	2719-107-728R	1	X						
25	STICKER	R-0010-279-1R	1	X						
26	ROTARY BRACKET	1361-598-181R	1	X						
27	EYE BOLT	0653-313-011R	2	X						
28	REAR PANEL	R-3019-189-1/08R	1	X						
29	SUPPORT	R-1019-153-1/08R	2	X						
30	INPUT CABLE	D-5578-171-2R	1	X						
31	RIGHT SIDE PANEL	R-1019-219-1R	1	X						
32	TERMINAL BLOCK X7, X12	1131-990-005R	5	X						

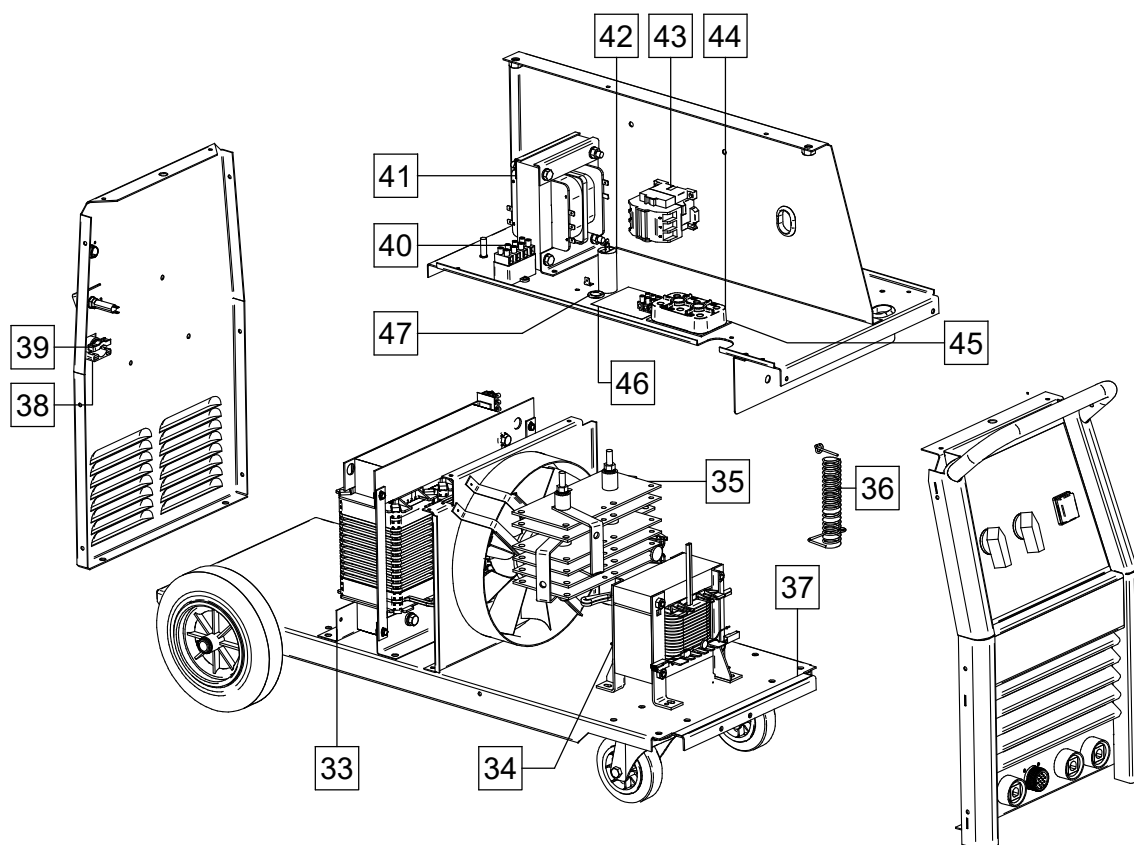


Figure B.

Figure B: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
33	TRANSFORMER T1	R-4034-083-1R	1	X						
34	CHOKE L1	R-4034-089-1R	1	X						
	THERMAL SENSOR 140C	1115-769-013R	1	X						
	THERMAL SENSOR 65C	1115-769-053R	1	X						
35	RECTIFIER V1	R-0010-295-1R	1	X						
	THERMAL SENSOR 115C	1115-769-012R	1	X						
	THERMAL SENSOR 80C	1115-769-003R	1	X						
36	RESISTOR R1	R-0010-116-3R	1	X						
37	STICKER	R-0010-300-1R	1	X						
38	CABLE RELEIF	R-0010-258-1R	1	X						
39	CLAMP	1361-599-633R	1	X						
40	RC-FILTER	0874-400-011R	1	X						
41	TRANSFORMER T2	C-4244-384-1R	1	X						
42	CAPACITOR C4	1158-121-001R	1	X						
43	CONTACTOR K1	1115-212-201R	1	X						
44	TERMINAL BLOCK X6	1361-599-255R	1	X						
45	PLATE	D-2731-731-1R	1	X						
46	STICKER	R-0010-221-1R	1	X						
47	RUBBER CABLE BUSH	1373-182-002R	2	X						

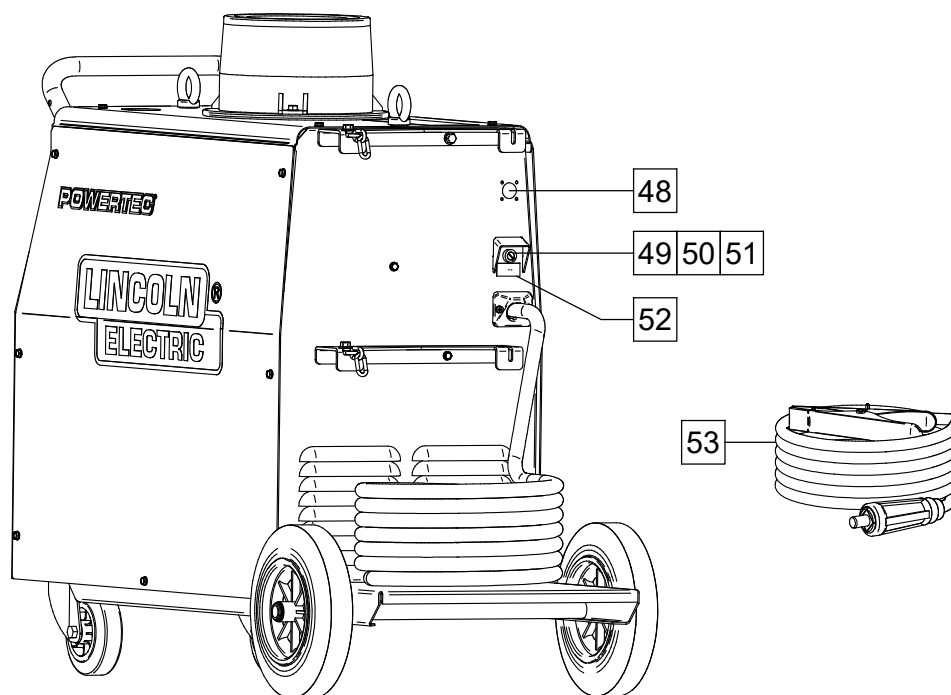


Figure C.

Figure C: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
48	HOLE PLUG	1361-599-058R	1	X						
49	FUSE SOCKET	1158-632-032R	1	X						
50	FUSE CAP	1158-632-033R	1	X						
51	FUSE F1 2A	1158-660-010R	1	X						
52	STICKER	2719-107-193R	1	X						
53	WORK CABLE 3M	K14011-1	1	X						

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

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
54	WIRING HARNESS (PRIMARY)	R-5041-142-1R	1	X						
55	WIRING HARNESS (PRIMARY)	R-5041-143-1R	1	X						
56	WIRING HARNESS (SECONDARY)	R-5041-182-1R	1	X						

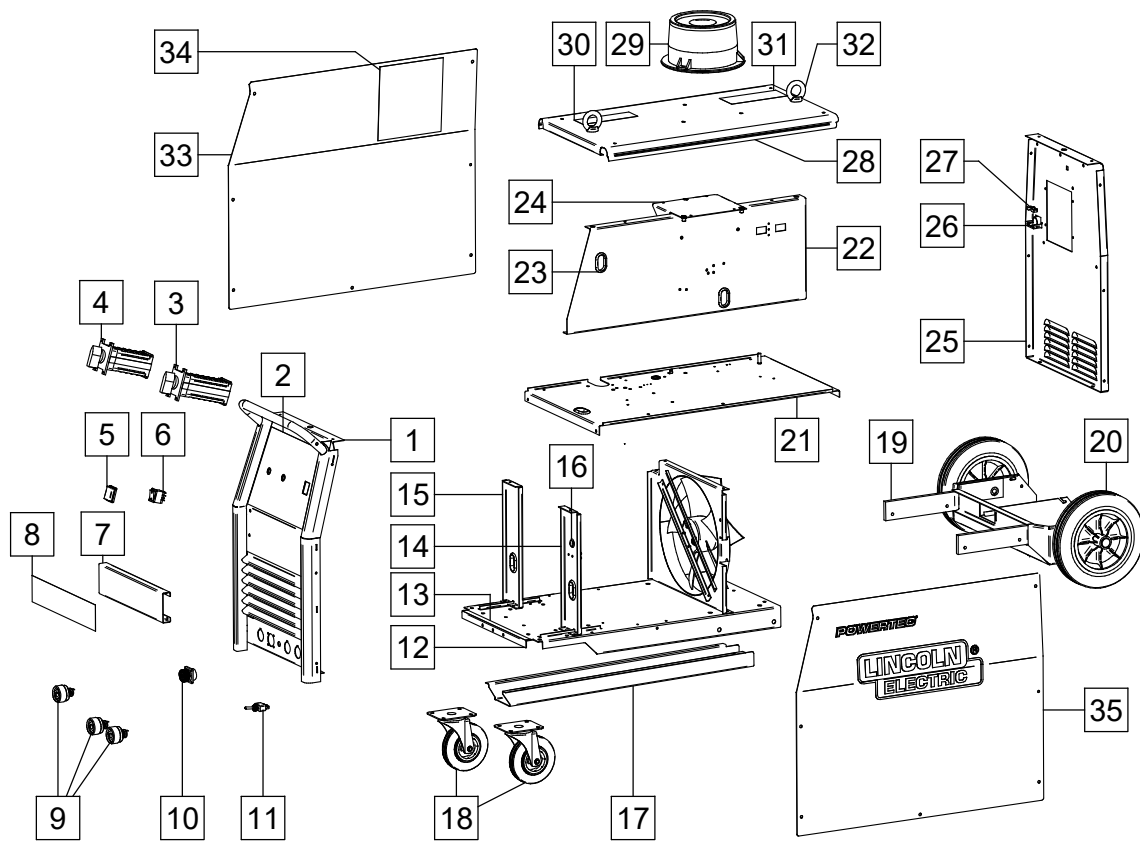


Figure D.

Figure D: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
1	FRONT PANEL	R-3019-145-1/08R	1	X	X	X				
2	STICKER	R-0010-218-1R	1	X	X	X				
3	SWITCH S1	1115-260-074R	1	X	X					
	SWITCH S1	1115-260-224R	1			X				
4	SWITCH S2	1115-260-073R	1	X	X					
	SWITCH S2	1115-260-223R	1			X				
5	BLACK FLAME SHIELD	1115-299-073R	1	X	X	X				
6	SWITCH S3	1115-270-019R	1	X	X	X				
7	SHIELD	R-1019-161-1/02R	1	X	X	X				
8	STICKER	R-0010-234-1R	1	X						
	STICKER	R-0010-235-1R	1		X					
	STICKER	R-0010-236-1R	1			X				
9	SOCKET X2, X3, X4	C-2986-001-3R	3	X	X	X				
10	SOCKET X10	1158-641-130R	1	X	X	X				
11	SWITCH S4	1115-280-005R	1	X	X	X				
12	BASE	R-1019-150-1/08R	1	X	X	X				
13	STICKER	R-0010-238-1R	1	X	X	X				
14	BRACKET	R-1019-176-2/08R	1	X	X	X				
15	BRACKET	R-1019-176-1/08R	1	X	X	X				
16	RUBBER CABLE BUSH	1373-182-002R	3	X	X	X				
17	SUPPORT	R-1019-160-1/08R	1	X	X	X				
18	FRONT WHEELS	1029-660-127R	2	X	X	X				
19	SHELF	R-3019-026-1/08R	1	X	X	X				
20	REAR WHEELS	1029-660-250R	2	X	X	X				
21	SHELF	R-3019-142-1/08R	1	X	X	X				
22	DIVIDER	R-3019-143-1/08R	1	X	X	X				
23	RUBBER CABLE BUSH	1373-182-004R	5	X	X	X				
24	BRACKET	R-3019-093-1/08R	1	X	X	X				
25	REAR PANEL	R-3019-144-1/08R	1	X	X	X				
26	CABLE RELEIF	R-0010-258-1R	1	X	X	X				
27	CLAMP	1361-599-633R	1	X	X	X				
28	COVER	R-1019-164-1/02R	1	X	X	X				
29	ROTARY BRACKET	1361-598-181R	1	X	X	X				
30	STICKER	2719-107-728R	1	X	X	X				
31	STICKER	R-0010-279-1R	1	X	X	X				
32	EYE BOLT	0653-313-012R	1	X	X	X				
33	LEFT SIDE PANEL	R-1019-180-1R	1	X	X	X				
34	STICKER	R-0010-261-1R	1	X	X	X				
35	RIGHT SIDE APNEL	R-1019-182-1R	1	X	X	X				

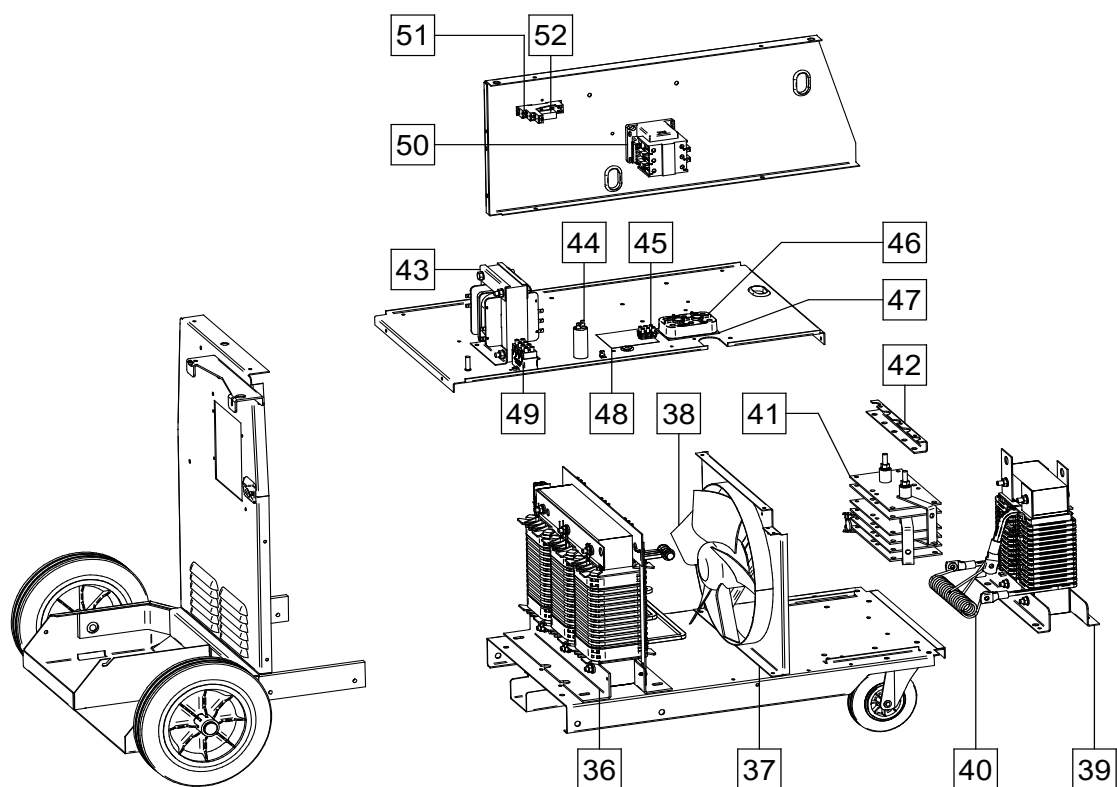


Figure E.

Figure E: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
36	TRANSFORMER T1	R-4034-069-1R	1	X						
	TRANSFORMER T1	R-4034-068-1R	1		X					
	TRANSFORMER T1	R-4034-057-1R	1			X				
37	PARTITION	R-3019-135-1/08R	1	X	X	X				
38	FAN	R-8040-055-3R	1	X	X	X				
39	CHOKE L1	R-4034-091-1R	1	X	X	X				
	THERMAL SENSOR 140C	1115-769-013R	1	X	X	X				
	THERMAL SENSOR 65C	1115-769-053R	1	X	X	X				
40	RESISTORS R1, R2	R-2013-035-2R	2	X	X	X				
41	RECTIFIER V1	R-0010-241-1R	1	X						
	RECTIFIER V1	R-0010-242-1R	1		X					
	RECTIFIER V1	R-0010-243-1R	1			X				
	THERMAL SENSOR 115C	1115-769-012R	1	X	X	X				
	THERMAL SENSOR 80C	1115-769-003R	1	X	X	X				
42	BRACKET	R-1019-175-1/08R	1	X	X	X				
43	TRANSFORMER T2	C-4244-384-1R	1	X	X	X				
44	CAPACITOR C4	1158-121-001R	1	X	X	X				
45	TERMINAL BLOCK X7, X12	1131-990-005R	7	X	X	X				
46	TERMINAL BLOCK X6	1361-599-255R	1	X	X	X				
47	PLATE	D-2731-731-1R	1	X	X	X				
48	STICKER	R-0010-221-1R	1	X	X	X				
49	FILTER RC	0874-400-011R	1	X	X	X				
50	CONTACTOR K1	1115-212-242R	1	X	X					
	CONTACTOR K1	1115-212-243R	1			X				
51	RELAY'S BASE	1158-632-017R	1	X	X	X				
52	RELAY	0918-412-065R	1	X	X	X				

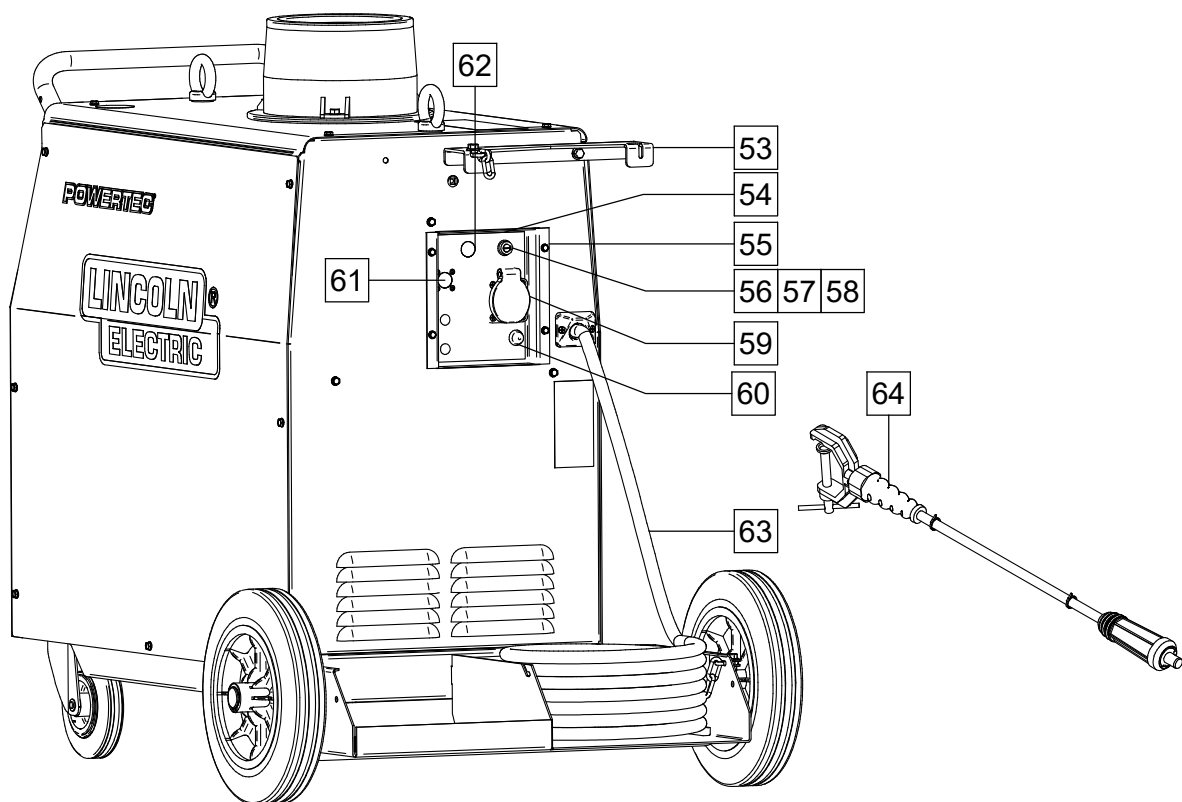


Figure F.

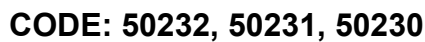
Figure F: Machine Assembly

Item	Description	Part Number	QTY	1	2	3	4	5	6	7
53	BRACKET	R-1019-153-1/08R	1	X	X	X				
54	STICKER	R-0010-239-1R	1	X	X	X				
55	PANEL	R-1019-157-1/08R	1	X	X	X				
56	FUSE SOCKET	1158-632-032R	1	X	X	X				
57	FUSE CAP	1158-632-033R	1	X	X	X				
58	FUSE F1 3A	1158-660-006R	1	X	X	X				
59	SOCKET X9	1131-222-004R	1	X	X	X				
60	THERMAL FUSE	1115-299-027R	1	X	X	X				
61	HOLE PLUG	1361-599-058R	1	X	X	X				
62	HOLE PLUG	1119-510-005R	1	X	X	X				
63	INPUT CABLE	D-5578-171-2	1	X						
	INPUT CABLE	D-5578-171-3	1		X	X				
64	WORK CABLE 3M	K14018-1	1	X	X					
	WORK CABLE 3M	K14033-1	1			X				

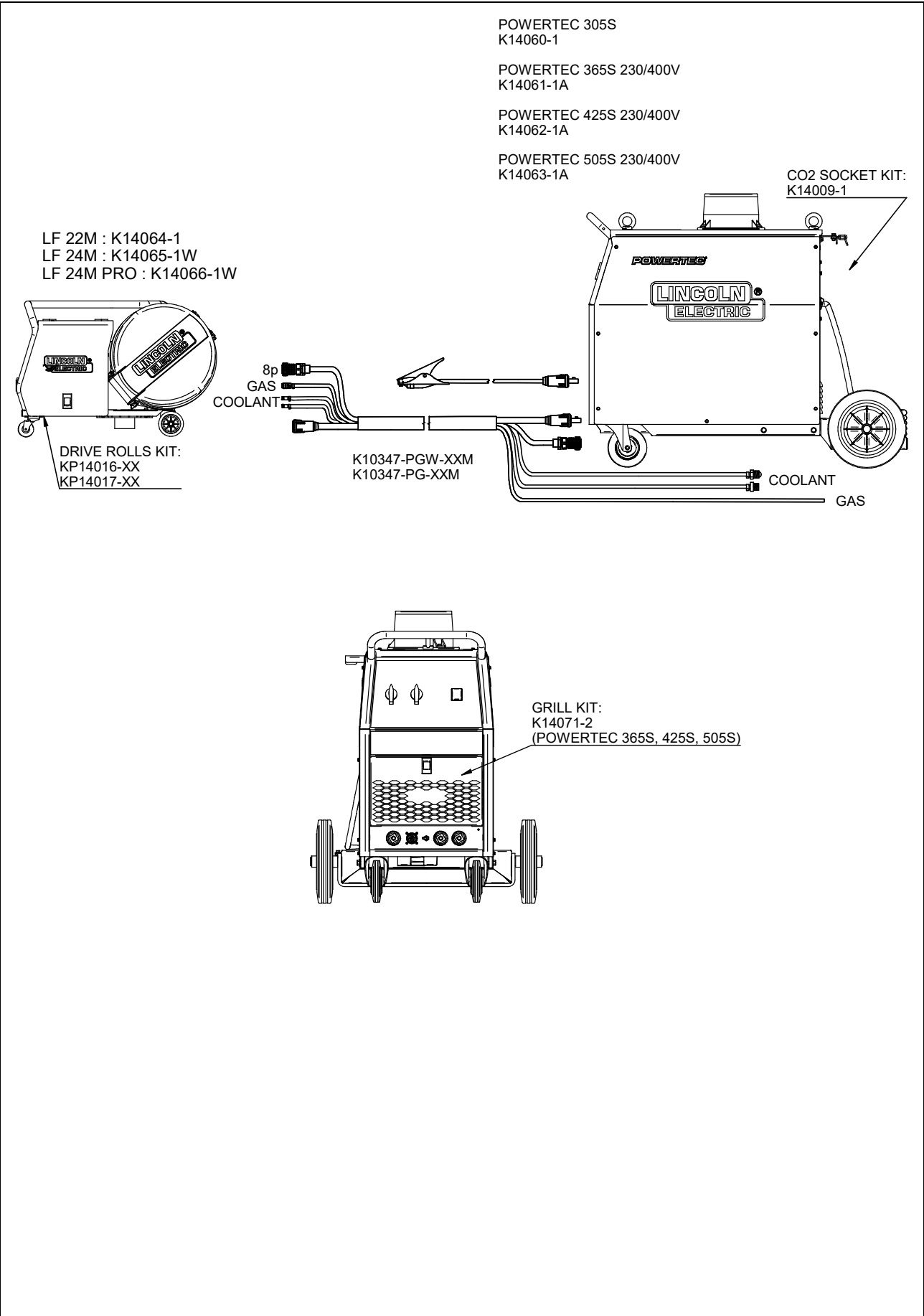
Miscellaneous Items (not shown in figure D, E, F)

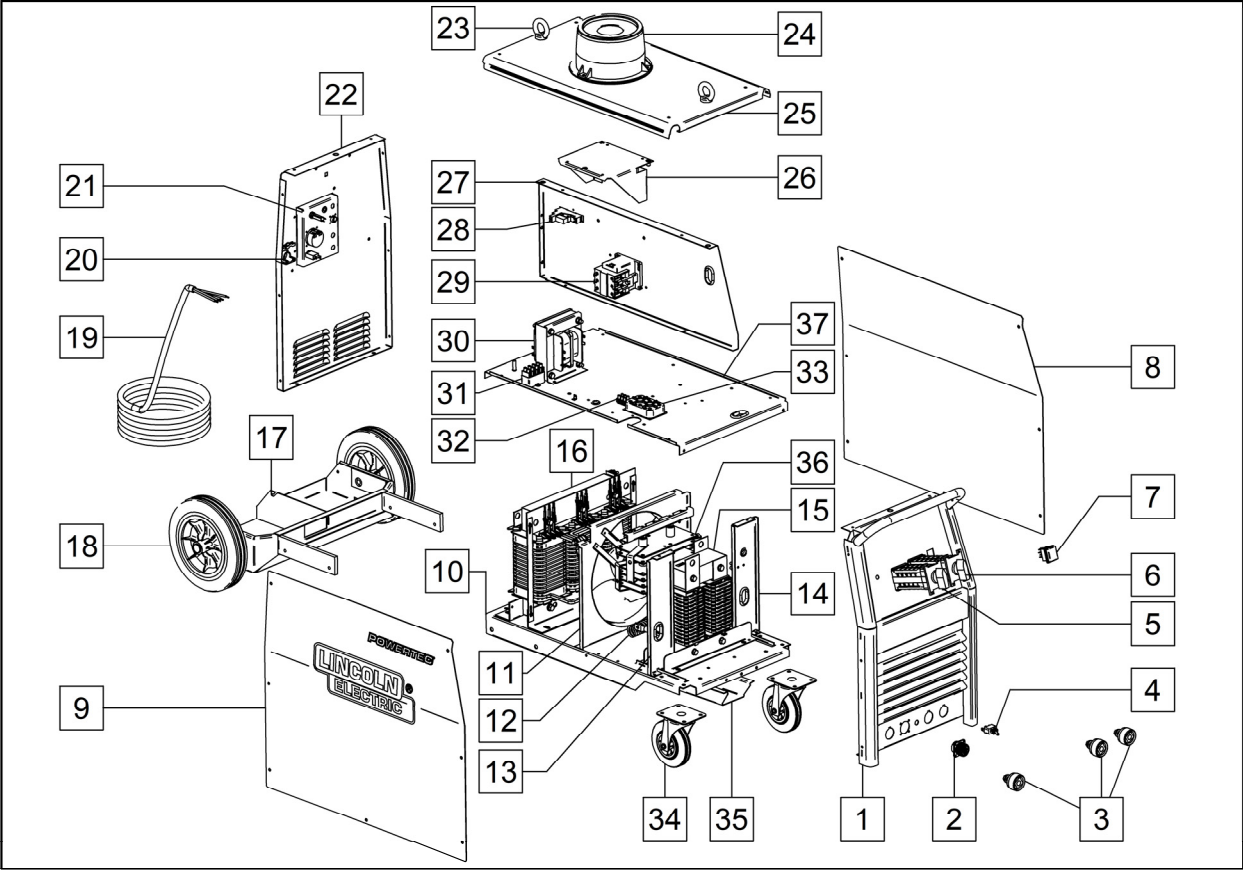
Item	Description	Part Number	QTY	1	2	3	4	5	6	7
65	WIRING HARNESS (PRIMARY)	R-5041-142-1R	1	X	X	X				
66	WIRING HARNESS (PRIMARY)	R-5041-143-1R	1	X	X	X				
67	WIRING HARNESS (SECONDARY)	R-5041-159-1R	1	X	X	X				
68	WIRING HARNESS	R-5041-157-1R	1	X	X	X				

CODE: 50147



Connection Diagram





Description	Ref.	Recycle				ST				
		Fe	Al	Cu	Brass	Boards	Plastics	Liquid Cristal	External Electric Cables	Capacitors
FRONT PANEL	1	X								
COVER	25	X								
BRACKET	13, 14, 26	X								
SUPPORT	35	X								
CABLE CLAMP	20						X			
BASE	10	X								
FAN COMPLETE	11	X		X					X	
TERMINAL BLOCK	32, 33				X		X			
WHEELS	18, 34	X					X			
REAR PANEL COMPLETE	22	X								
SOCKET	2, 3				X		X			
PARTITION	27	X								
CHOKE	15	X		X			X			
RESISTOR	12	X								
TRANSFORMER	16, 29	X	X				X			
RECTIFIER	36		X							
SHELF	17, 37	X								
SWITCH	4, 5, 6, 7			X	X		X			
LEFT SIDE PANEL	9	X								
RIGHT SIDE PANEL	8	X								
FILTER	31				X		X			
ROTARY BRACKET	24						X			
EYE BOLT	23	X								
RELAY	28			X	X		X			
PANEL COMPLETE	21	X					X			
CONTACTOR	29	X		X			X			
POWER LEAD	19								X	