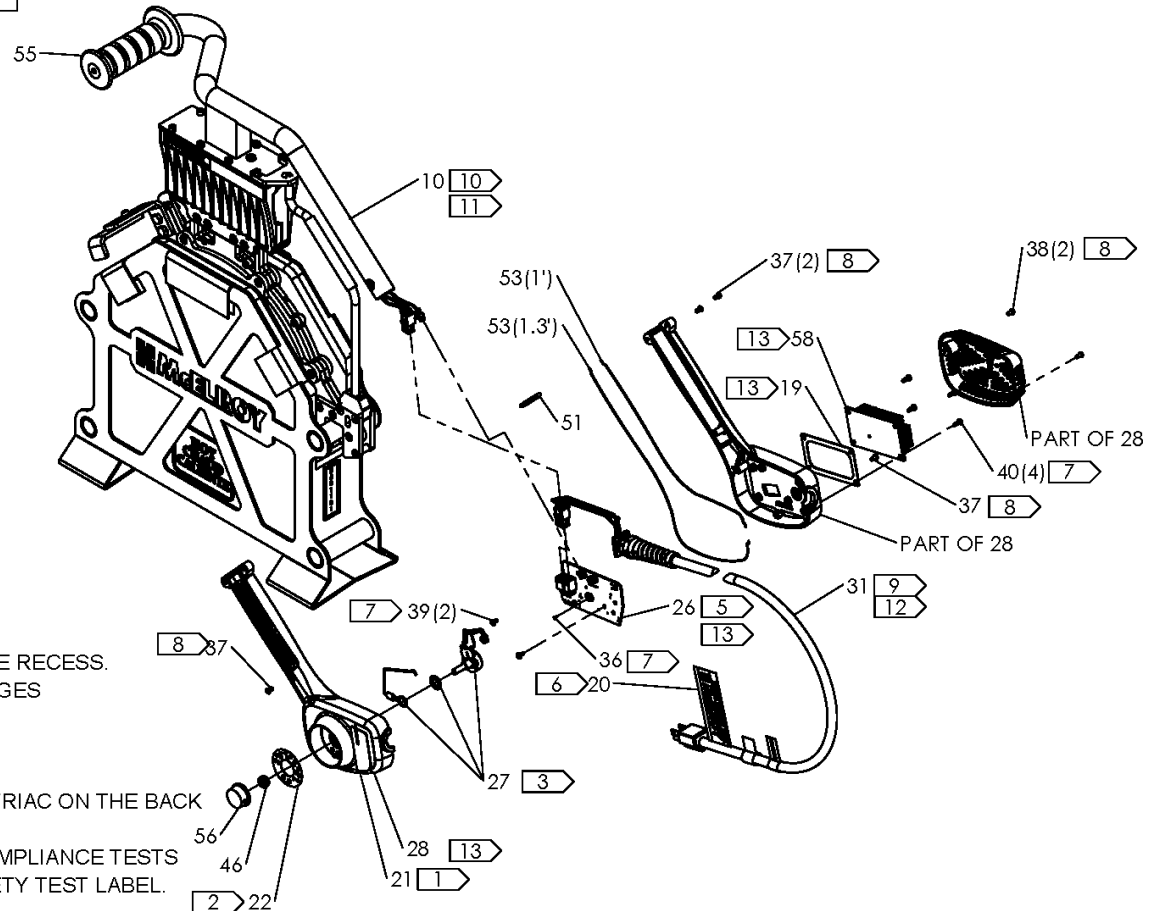


Acrobat™ 250 HEATER ASSEMBLY 110-120V, 50/60Hz, 1Ph

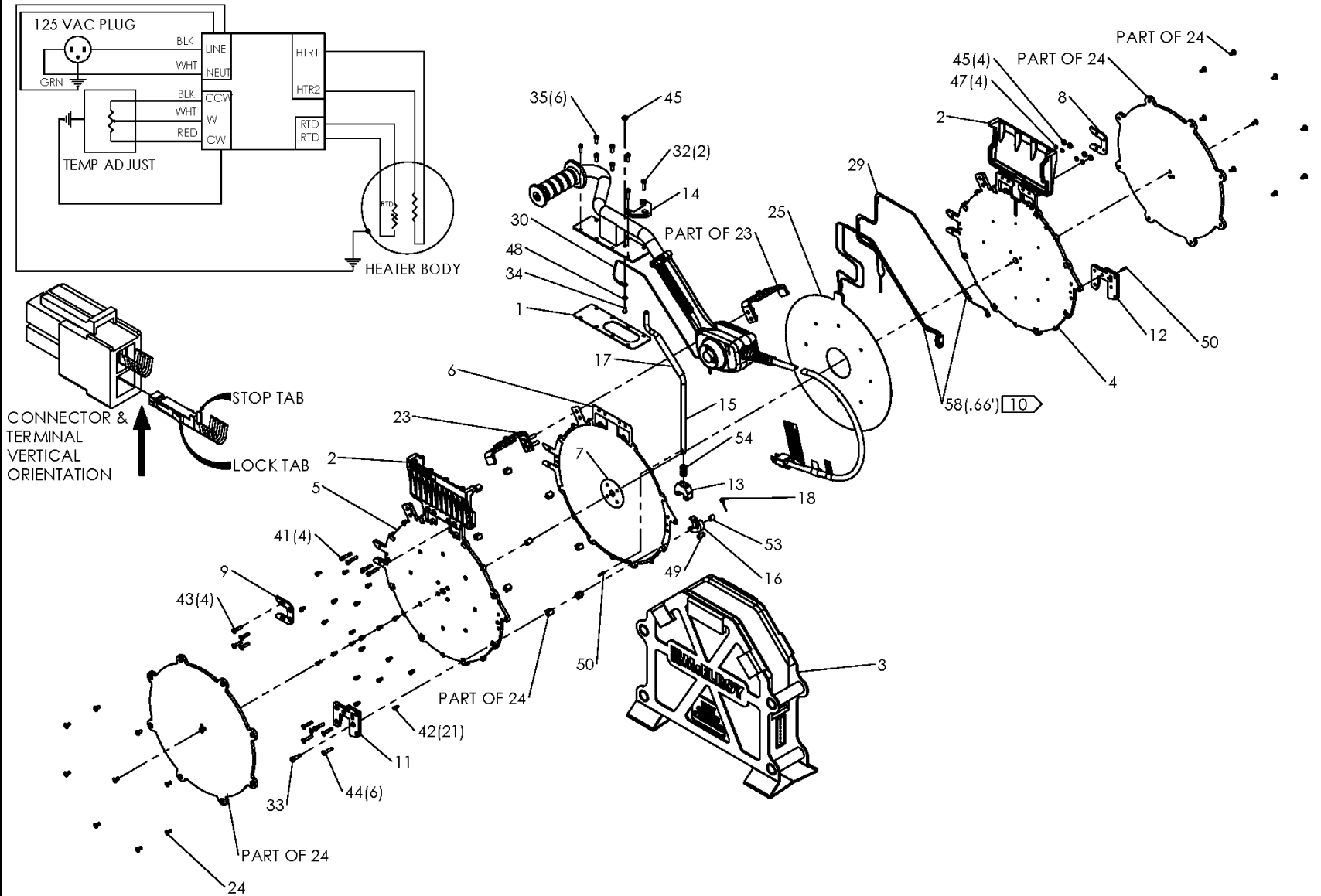
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NOTES:

- ITEM 21 SHOULD BE ORIENTED SO IT FITS INTO THE RECESS.
- ITEM 22 MUST BE ORIENTED SO THE NOTCH ENGAGES THE KEY ON ITEM 28.
- RING TERMINAL MUST BE ORIENTED AS SHOWN.
- SET AND CHECK TEMPERATURE PER ES390.
- APPLY THIN LAYER OF HTRC COMPOUND TO THE TRIAC ON THE BACK OF THE PCB
- HEATER SHALL PASS ALL ELECTRICAL SAFETY COMPLIANCE TESTS PER ES497 BEFORE INSTALLING ELECTRICAL SAFETY TEST LABEL.
- TORQUE TO 5 IN-LBS.
- TORQUE TO 23 IN-LBS.
- THE STRAIN RELIEF OF THE POWER CORD SHOULD ALREADY BE TORQUED TO 20 IN-LBS.
- APPLY ITEM #58 TO ITEM #25 AND #29 APPROXIMATELY AS SHOWN TO PROTECT AGAINST SHARP EDGES ON ITEM #10. COMPONENT WIRES SHOULD BE TAPED SEPARATELY FROM OTHER COMPONENTS.
- ORDER T5077506 TO REPLACE THE HEATER HANDLE WELDMENT SUBASSEMBLY.
- ORDER AT5078112 TO REPLACE POWER CABLE .
- COMPONENT MUST BE ORDERED AS PART OF THE T5033401 SUBASSEMBLY NOTES

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McElroy Manufacturing Parts List

Part Number: 2512501 Acrobat 250mm 120V Heater Assembly

Part Number 2512501 Component List

Item	Component	Description	Quantity	Unit	Price
1	1808102	Htr Gasket	1.0	EA	4.92
2	1863102	Htr Terminal Enclosure Half	2.0	EA	50.38
3	2501001	Heater Bag Assembly	1.0	EA	672.00
4	2505001	Tapped Heater Body	1.0	EA	716.00
5	2505002	C' Sunk Heater Body	1.0	EA	722.00
6	2505101	Outer Shim	1.0	EA	206.00
7	2505102	Inner Shim	1.0	EA	50.59
8	2505201	Tapped Guide Rod Bracket	1.0	EA	98.00
9	2505202	C'sunk Guide Rod Bracket	1.0	EA	90.21
10	2508901	Heater Handle Wld	1.0	EA	311.00
11	2509201	Drilled Latch Side Plate	1.0	EA	167.00
12	2509202	Tapped Latch Side Plate	1.0	EA	163.00
13	2509301	Upper Spring Stop	1.0	EA	122.00
14	2509401	Latch Handle Catch	1.0	EA	56.38
15	2509501	Latch Handle	1.0	EA	159.00
16	2509601	Latch Tumbler	1.0	EA	412.00
17	2509701	Grip Mod	1.0	EA	4.74
18	2509901	Torsion Spring Mod	1.0	EA	11.71
19	437401	Heat Sink Gasket	1.0	EA	0.00
20	8163210	Electrical Safety Test Label	1.0	EA	0.00
21	8163403	Model 2512501 Part NO Label	1.0	EA	15.69
22	816382	Temperature Scale Label	1.0	EA	6.85
23	A2504501	Acrobat 250 Stripper Bar Kit	1.0	EA	157.00
24	A2504901	Acrobat 250 Htr Butt Plate Kit	1.0	EA	559.00
25	T2514102	120V Mica/foil Htr Elem W/conn	1.0	EA	654.00
26	T5030006	Heater Control Pcb Assy (Effective to 12/15/20)	1.0	EA	0.00
26	T5030009	Heater Control Pcb Assy	1.0	EA	0.00
27	T5030007	Potentiometer Assy	1.0	EA	24.65
28	T5030108	Heater Handle/enclosure	1.0	EA	0.00
29	T5077603	Rtd W/ Conn X 26"	1.0	EA	94.12
30	T5077902	Ground Wire W/ Term X 17"	1.0	EA	29.14
31	T5078102	15A/125V Pwr Cord W/plug&conn	1.0	EA	175.00
32	MAC00038	#10-24NCX3/4LG Shcs SS	2.0	EA	0.48
33	MAF00002	1/4DIAX1/2LG Skt HD Shldr Scr	1.0	EA	3.06
34	MAH00030	#10-24NCX1/4LG Rhsmss SS (Effective to 9/13/21)	1.0	EA	0.29
34	MAH00153	#10-24NCX3/8LG Rhpmss	1.0	EA	0.48
35	MAH00046	#10-24NCX1/2LG Shcs SS	6.0	EA	1.09
36	MAH00296	#6-32X1/4 Phil Pan Sealg Scr	1.0	EA	1.86
37	MAL00010	#6-19X3/4LG Torx T15 Pan Hdscr	4.0	EA	0.55
38	MAL00031	#6-19X1-1/2'LG Torx T15 Panscr	2.0	EA	0.22
39	MAL00034	#6-19X1/4LG Phil Pan Hdscr	2.0	EA	0.06
40	MAL00035	#6-19X3/8LG Phil Pan Hdscr	4.0	EA	0.08
41	MAN00008	#10-24NCX1LG Shcs SS	4.0	EA	0.70
42	MAN00023	#8-32NCX5/16LG Shcs SS	21.0	EA	0.40
43	MAN00036	#10-32NFX7/8LG Fhscs SS	4.0	EA	0.40
44	MAN00047	#10-24NCX1LG Fhscs SS	6.0	EA	1.00
45	MBA00004	#10-24NC Hex Nut Stil PL	5.0	EA	0.35
46	MBA00067	3/8-32NEF X 0.22 X 1/4 Sealnut	1.0	EA	4.08
47	MBE00004	#10 Reg Splt Lck Washer Stil PL	4.0	EA	0.10
48	MBG00072	#10 Int Tooth Lock Washer	1.0	EA	0.29
49	MBH00135	Unthrd Stainless Steel Spacer	1.0	EA	12.49
50	MCG00003	1/8DIAX1/2LG Roll Pin	1.0	EA	0.38
51	MCG00005	3/16 DIAX1LG Roll Pin	1.0	EA	0.12
52	MDL00374	O-ring (Effective to 4/7/20)	1.0	EA	0.57

McElroy Manufacturing Parts List

Part Number: 2512501 Acrobat 250mm 120V Heater Assembly

52	MDL00018	O-ring	1.0 EA	0.57
53	MDL00373	.040DIA Buna O-ring Cord Stock	2.3 FT	1.68
54	MDM00519	Sleeve Bushing	1.0 EA	3.89
55	MJE00069	Compression Spring	1.0 EA	5.89
56	MJJ00009	1" Black Gloss Hand Grip	1.0 EA	3.59
57	MJJ00023	Control Knob	1.0 EA	4.86
58	MLN00219	Fiberglass Tape (per Ft)	0.66 FT	0.52
59	MQI00111	Heatsink	1.0 EA	0.00

Please visit <https://fusion.mcelroy.com/parts> to purchase parts or for more information.

UNRECORDED