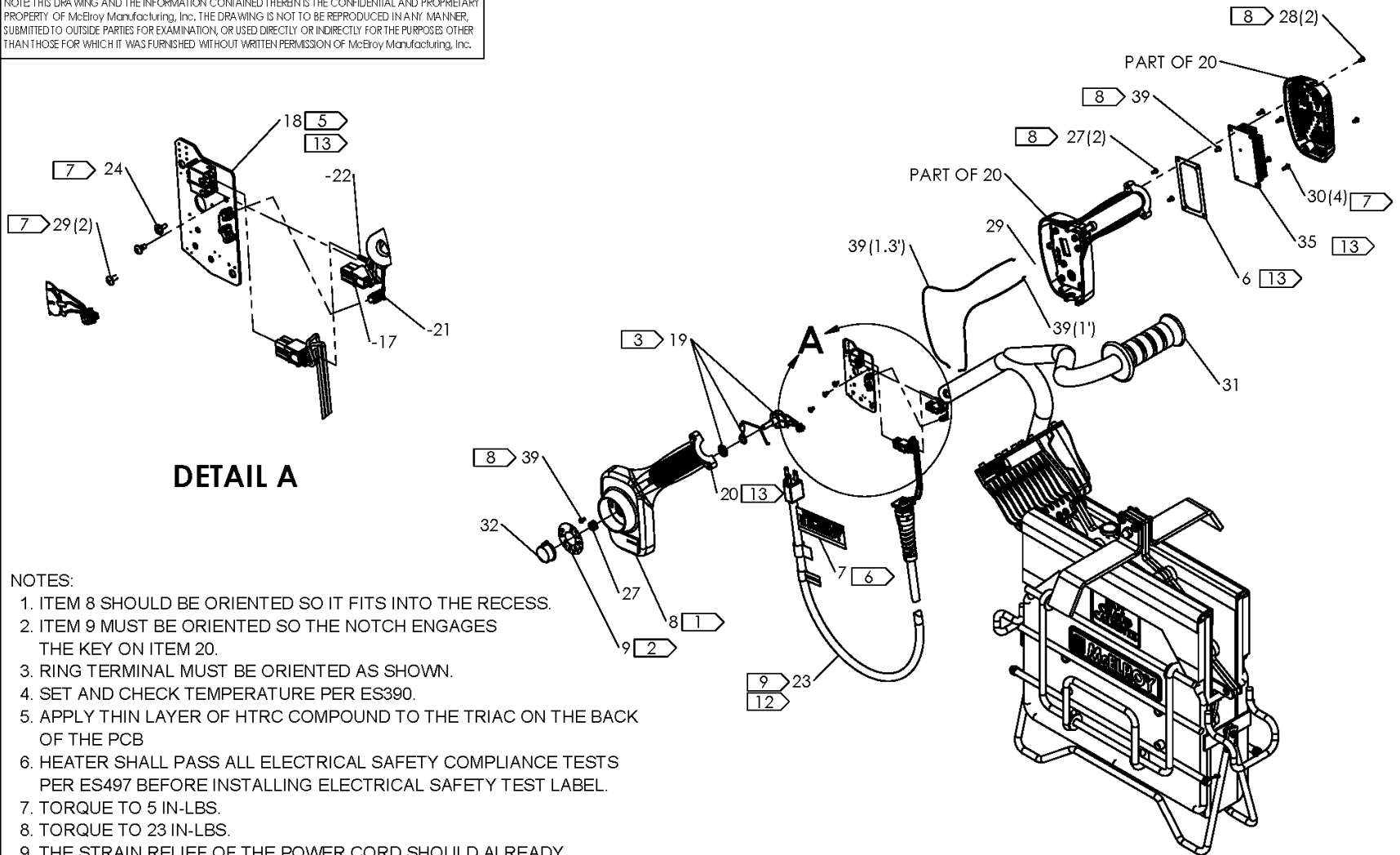


250mm HEATER ASSEMBLY 110-120V, 50/60Hz, 1Ph

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DETAIL A

NOTES:

1. ITEM 8 SHOULD BE ORIENTED SO IT FITS INTO THE RECESS.
2. ITEM 9 MUST BE ORIENTED SO THE NOTCH ENGAGES THE KEY ON ITEM 20.
3. RING TERMINAL MUST BE ORIENTED AS SHOWN.
4. SET AND CHECK TEMPERATURE PER ES390.
5. APPLY THIN LAYER OF HTRC COMPOUND TO THE TRIAC ON THE BACK OF THE PCB
6. HEATER SHALL PASS ALL ELECTRICAL SAFETY COMPLIANCE TESTS PER ES497 BEFORE INSTALLING ELECTRICAL SAFETY TEST LABEL.
7. TORQUE TO 5 IN-LBS.
8. TORQUE TO 23 IN-LBS.
9. THE STRAIN RELIEF OF THE POWER CORD SHOULD ALREADY BE TORQUED TO 20 IN-LBS.
10. APPLY ITEM #43 TO ITEM #17 AND #21 APPROXIMATELY AS SHOWN TO PROTECT AGAINST SHARP EDGES ON ITEM #11. COMPONENT WIRES SHOULD BE TAPED SEPARATELY FROM OTHER COMPONENTS.
11. ORDER T5077501 TO REPLACE THE HEATER HANDLE WELDMENT SUBASSEMBLY.
12. ORDER AT5078112 TO REPLACE POWER CABLE.
13. COMPONENT MUST BE ORDERED AS PART OF THE T5033401 SUBASSEMBLY

McElroy Manufacturing Parts List

Part Number: T2516101 250mm 120V Heater Assembly

Part Number T2516101 Component List

Item	Component	Description	Quantity	Unit	Price
1	1242106	Heater I.d. Spacer	1.0	EA	16.51
2	1808102	Htr Gasket	1.0	EA	5.26
3	1852011	Tapped Htr Guide Rod Sprt Bkt	2.0	EA	40.05
4	1852012	C'sunk Htr Guide Rod Sprt Bkt	2.0	EA	40.05
5	1863102	Htr Terminal Enclosure Half	2.0	EA	53.85
6	437401	Heat Sink Gasket	1.0	EA	0.00
7	8163210	Electrical Safety Test Label	1.0	EA	0.00
8	8163407	Model T2516101 Part NO Label	1.0	EA	0.00
9	816382	Temperature Scale Label	1.0	EA	7.33
10	821802	Heater Bag Assembly	1.0	EA	771.00
11	838007	Heater Handle Wld	1.0	EA	193.00
12	AT2501101	250mm Heater Butt Plate Kit	1.0	EA	598.00
13	AT2501501	Stripper Bar Kit	1.0	EA	168.00
14	T2501201	Right Heater Body	1.0	EA	888.00
15	T2501301	Left Heater Body	1.0	EA	888.00
16	T2501401	Heater O.d. Spacer	1.0	EA	193.00
17	T2514102	120V Mica/foil Htr Elem W/conn	1.0	EA	699.00
18	T5030006	Heater Control Pcb Assy (Effective to 12/15/20)	1.0	EA	0.00
18	T5030009	Heater Control Pcb Assy	1.0	EA	0.00
19	T5030007	Potentiometer Assy	1.0	EA	26.35
20	T5030108	Heater Handle/enclosure	1.0	EA	0.00
21	T5077603	Rtd W/ Conn X 26"	1.0	EA	98.16
22	T5077902	Ground Wire W/ Term X 17"	1.0	EA	31.16
23	T5078102	15A/125V Pwr Cord W/plug&conn	1.0	EA	188.00
24	MAH00030	#10-24NCX1/4LG Rhsmss SS	1.0	EA	0.30
25	MAH00046	#10-24NCX1/2LG Shcs SS	8.0	EA	0.39
26	MAH00296	#6-32X1/4 Phil Pan Sealg Scr	1.0	EA	2.00
27	MAL00010	#6-19X3/4LG Torx T15 Pan Hdscr	4.0	EA	0.56
28	MAL00031	#6-19X1-1/2'LG Torx T15 Panscr	2.0	EA	0.24
29	MAL00034	#6-19X1/4LG Phil Pan Hdscr	2.0	EA	0.06
30	MAL00035	#6-19X3/8LG Phil Pan Hdscr	4.0	EA	0.08
31	MAN00008	#10-24NCX1LG Shcs SS	4.0	EA	0.49
32	MAN00023	#8-32NCX5/16LG Shcs SS	19.0	EA	0.49
33	MAN00036	#10-32NFX7/8LG Fhscs SS	6.0	EA	0.41
34	MBA00004	#10-24NC Hex Nut Stl PL	4.0	EA	0.35
35	MBA00067	3/8-32NEF X 0.22 X 1/4 Sealnut	1.0	EA	6.22
36	MBE00004	#10 Reg Splt Lck Washer Stl PL	4.0	EA	0.10
37	MBG00072	#10 Int Tooth Lock Washer	1.0	EA	0.29
38	MDL00018	O-ring	1.0	EA	0.61
39	MDL00373	.040DIA Buna O-ring Cord Stock	2.3	FT	1.81
40	MJJ00009	1" Black Gloss Hand Grip	1.0	EA	3.86
41	MJJ00023	Control Knob	1.0	EA	5.24
42	MJK00002	2.5LG,150-650DEG F Thermometer	1.0	EA	48.72
43	MLN00219	Fiberglass Tape (per Ft)	0.66	FT	0.56
44	MQI00111	Heatsink	1.0	EA	0.00

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