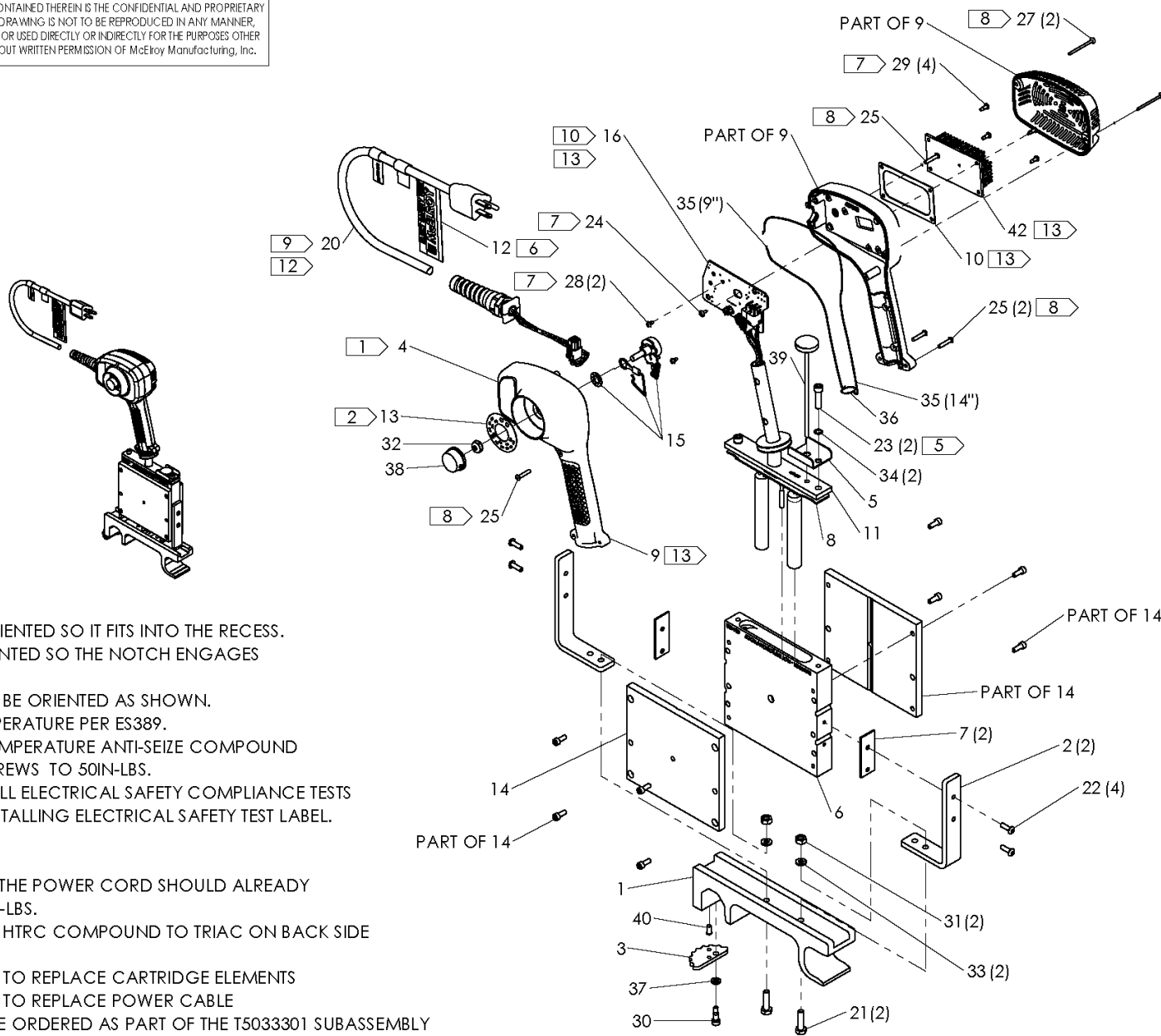


Polygon™ LT HEATER ASSEMBLY

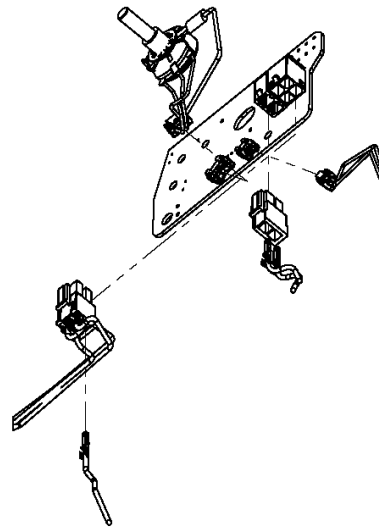
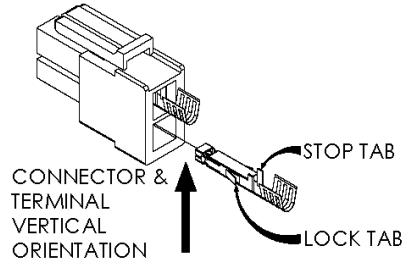
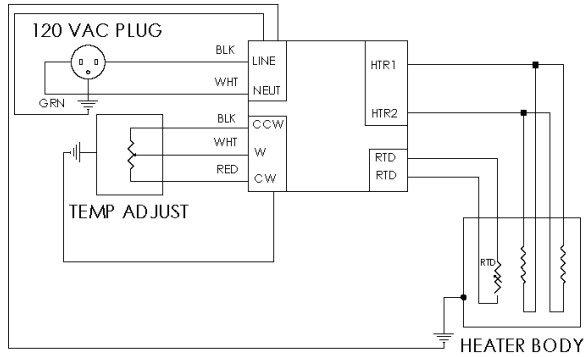
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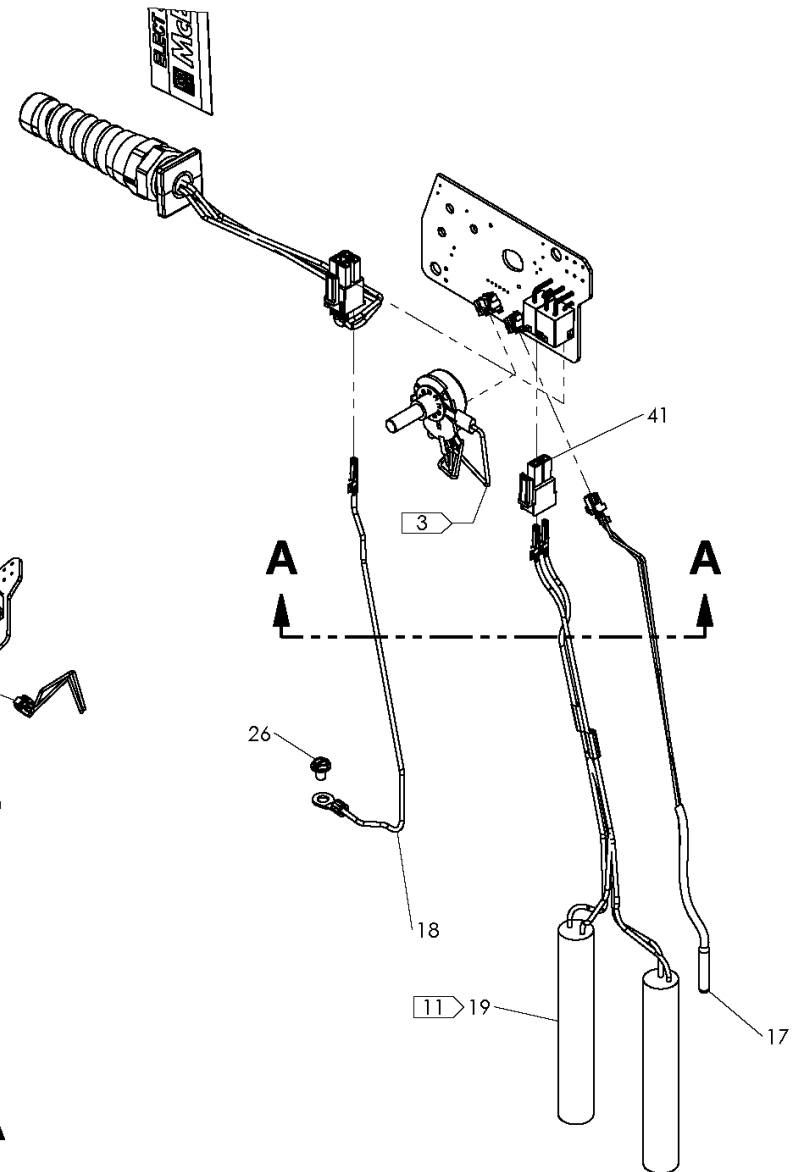
NOTES:

1. ITEM 4 SHOULD BE ORIENTED SO IT FITS INTO THE RECESS.
2. ITEM 13 MUST BE ORIENTED SO THE NOTCH ENGAGES THE KEY ON ITEM 9.
3. RING TERMINAL MUST BE ORIENTED AS SHOWN.
4. SET AND CHECK TEMPERATURE PER ES389.
5. INSTALL WITH HIGH TEMPERATURE ANTI-SEIZE COMPOUND AND TORQUE THE SCREWS TO 50IN-LBS.
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 THIN LAYER OF HTRC COMPOUND TO TRIAC ON BACK SIDE OF THE PCB
11. ORDER AT5078002 KIT TO REPLACE CARTRIDGE ELEMENTS
12. ORDER AT5078111 KIT TO REPLACE POWER CABLE
13. COMPONENT MUST BE ORDERED AS PART OF THE T5033301 SUBASSEMBLY

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SECTION A-A



McElroy Manufacturing Parts List

Part Number: 04P0979450 Polygon LT Heater Assembly

Part Number 04P0979450 Component List

Item	Component	Description	Quantity	Unit	Price
1	04P0974910	Guide Rod Bracket	1.0	EA	0.00
2	04P0975269	Heater Support Bracket	2.0	EA	0.00
3	04P0978429	Spin Latch	1.0	EA	16.30
4	08P0984667	Model 04P0979450 Part NO Label	1.0	EA	0.00
5	214801	MImc Thermal Guard	1.0	EA	7.54
6	424402	Htr Body	1.0	EA	301.00
7	426001	4MLMC Htr Support Bkt Gasket	2.0	EA	2.39
8	436301	Cover Plate Gasket	1.0	EA	7.53
9	437304	Small Htr Handle/enclosure	1.0	EA	0.00
10	437401	Heat Sink Gasket	1.0	EA	0.00
11	469501	Heater Handle Wld	1.0	EA	96.09
12	8163210	Electrical Safety Test Label	1.0	EA	0.00
13	816382	Temperature Scale Label	1.0	EA	7.33
14	A425201	4 MultiMc Heater Butt Plate Kit	1.0	EA	182.00
15	T5030007	Potentiometer Assy	1.0	EA	26.35
16	T5030009	Heater Control Pcb Assy	1.0	EA	0.00
17	T5077601	Rtd W/ Conn X 10"	1.0	EA	72.10
18	T5077903	Ground Wire W/#8 Term X 10"	1.0	EA	30.40
19	T5078002	120V 2X600W Crtg Htr Asyw/term	1.0	EA	0.00
20	T5078101	13A/120V Pwr Cord W/plug&conn	1.0	EA	91.31
21	MAB00004	1/4-20NCX1LG Hhcs	2.0	EA	0.32
22	MAE00137	#10-24NCX5/8LG Bhscs Stl PL	4.0	EA	0.34
23	MAH00055	1/4-20NCX1LG Shcs SS	2.0	EA	0.41
24	MAH00296	#6-32X1/4 Phil Pan Sealg Scr	1.0	EA	2.00
25	MAL00010	#6-19X3/4LG Torx T15 Pan Hdscr	4.0	EA	0.56
26	MAL00024	#8-32NCX1/4LG Hwhsms SS	1.0	EA	0.34
27	MAL00031	#6-19X1-1/2'LG Torx T15 Panscr	2.0	EA	0.24
28	MAL00034	#6-19X1/4LG Phil Pan Hdscr	2.0	EA	0.06
29	MAL00035	#6-19X3/8LG Phil Pan Hdscr	4.0	EA	0.08
30	MAN00005	1/4DIA X3/8LG Shldr Screw SS	1.0	EA	4.77
31	MBA00005	1/4-20NC Fnsh Hex Nut Stl PL	2.0	EA	0.32
32	MBA00067	3/8-32NEF X 0.22 X 1/4 Sealnut	1.0	EA	6.22
33	MBE00005	1/4 Reg Splt Lck Washer Stl PL	2.0	EA	0.10
34	MBG00133	1/4" Belleville Spring Wshr SS	2.0	EA	1.64
35	MDL00373	.040DIA Buna O-ring Cord Stock	1.916	FT	1.81
36	MDL00374	O-ring	1.0	EA	0.61
37	MDMP0981143	O-e Thrust Bronze Bearing	1.0	EA	1.82
38	MJJ00023	Control Knob	1.0	EA	5.24
39	MJK00001	5LG,150-650DEG F Thermometer	1.0	EA	48.72
40	MJN00018	3/16DIA PF Ball Plunger SS	1.0	EA	21.09
41	MLF00175	Mega-fit Rec Conn,	1.0	EA	0.44
42	MQI00111	Heatsink	1.0	EA	0.00

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