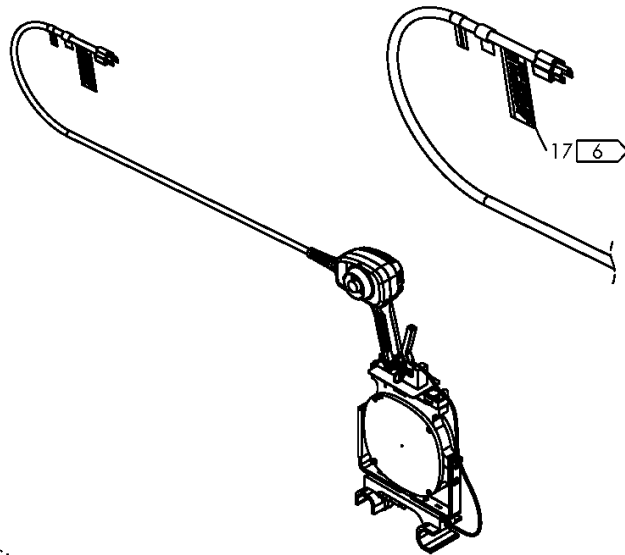


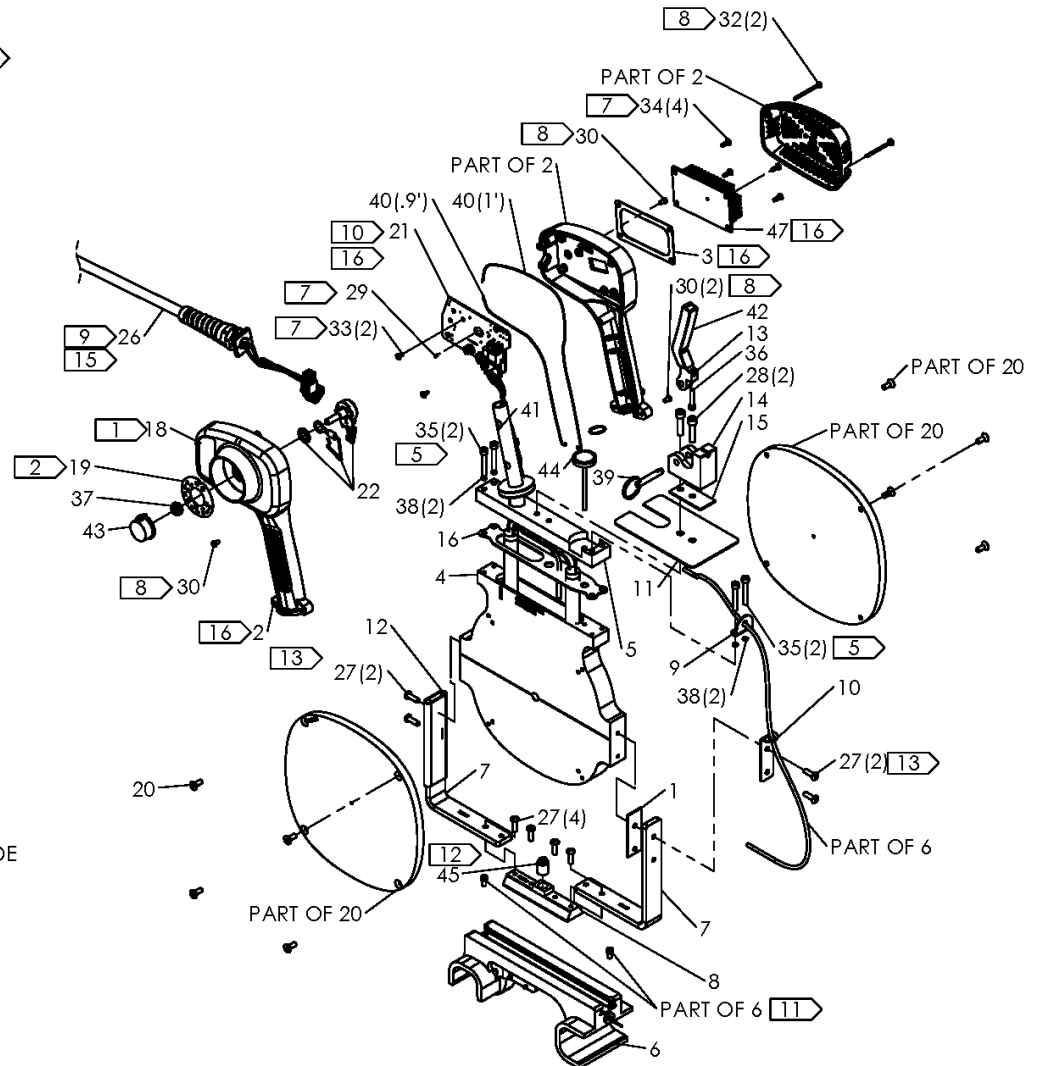
Polygon™ 180mm HEATER ASSEMBLY 100/120V, 50/60Hz, 1Ph

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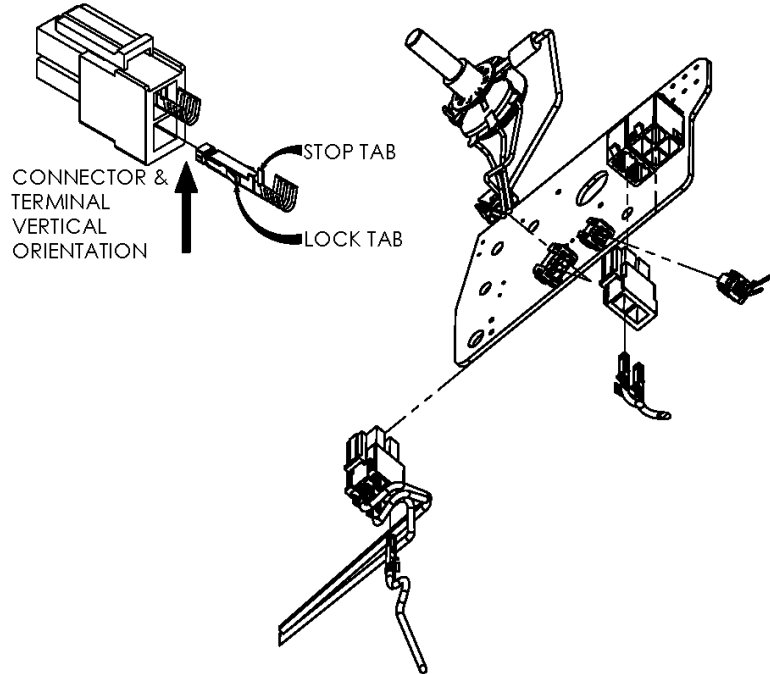
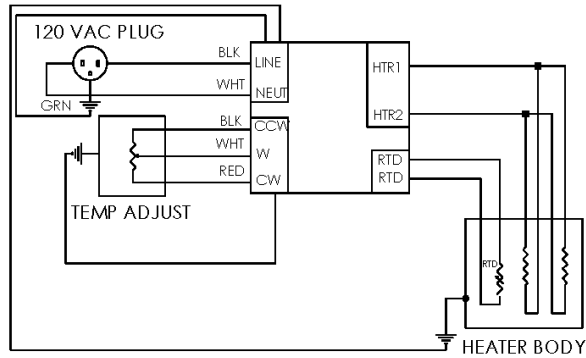
NOTES:

- ITEM 18 SHOULD BE ORIENTED SO IT FITS INTO THE RECESS.
- ITEM 19 MUST BE ORIENTED SO THE NOTCH ENGAGES THE KEY ON ITEM 2.
- RING TERMINAL MUST BE ORIENTED AS SHOWN.
- SET AND CHECK TEMPERATURE PER ES389.
- INSTALL WITH HIGH TEMPERATURE ANTI-SEIZE COMPOUND AND TORQUE THE SCREWS TO 50 IN-LBS.
- 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 THIN LAYER OF HTRC COMPOUND TO TRIAC ON BACK SIDE OF THE PCB.
- APPLY MEDIUM STRENGTH THREAD LOCKER
- APPLY MEDIUM STRENGTH THREAD LOCKER AND SET PLUNGER CASE DEPTH EVEN TO BOTTOM OF ITEM 8
- INSTALL WITH HIGH TEMPERATURE ANTI-SEIZE COMPOUND
- ORDER KIT TO AT5078008 REPLACE CARTRIDGE ELEMENTS.
- ORDER KIT TO AT5078119 REPLACE POWER CABLE.
- COMPONENT MUST BE ORDERED AS PART OF THE T5033301 SUBASSEMBLY.

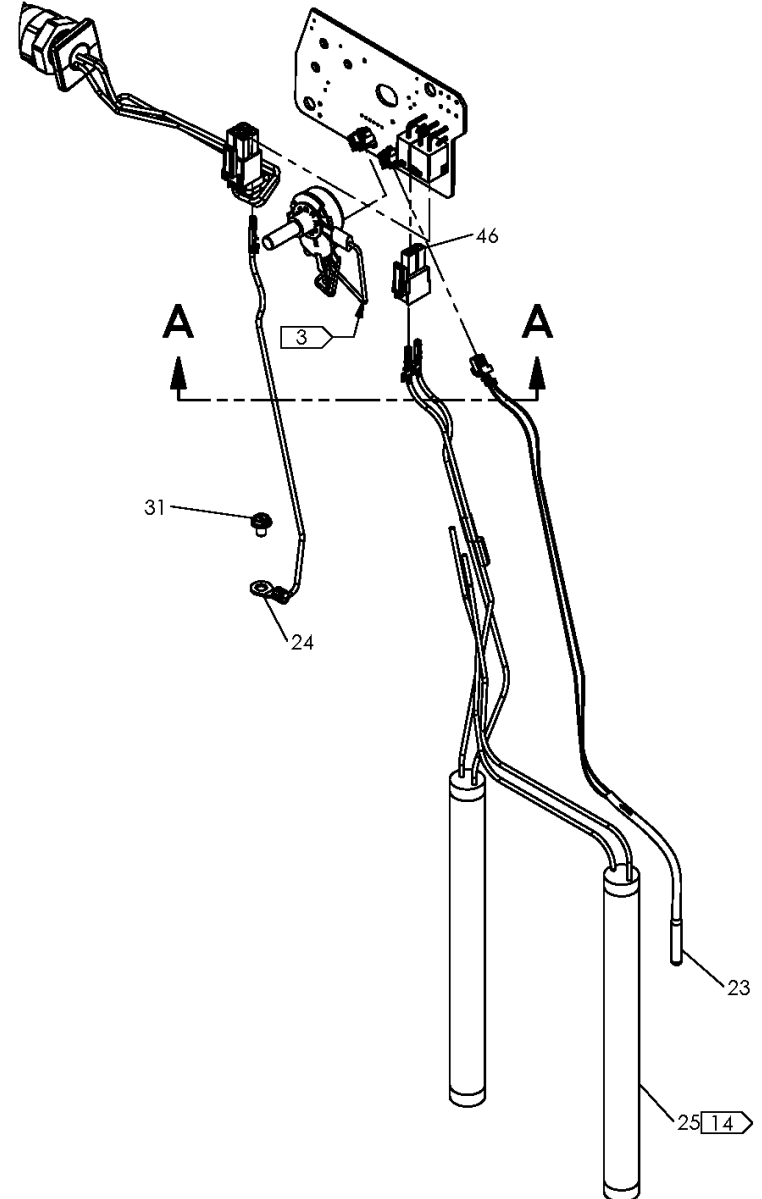


Polygon™ 180mm HEATER ASSEMBLY 100/120V, 50/60Hz, 1Ph

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SECTION A-A



McElroy Manufacturing Parts List

Part Number: 724301 Polygon 180mm 120V Heater Assembly

Part Number 724301 Component List

Item	Component	Description	Quantity	Unit	Price
1	426001	4MLMC Htr Support Bkt Gasket	1.0	EA	2.22
2	437304	Small Htr Handle/enclosure	1.0	EA	0.00
3	437401	Heat Sink Gasket	1.0	EA	0.00
4	707802	26/180 Expanded Heater Body	1.0	EA	0.00
5	722801	26/180 Cover Plate Wld	1.0	EA	48.18
6	734903	Guide Rod Bracket Assembly	1.0	EA	0.00
7	735101	Heater Support Bracket	2.0	EA	0.00
8	735201	Heater Indexing Bracket	1.0	EA	0.00
9	737401	Bowden Up Sprt Guide Bracket	1.0	EA	0.00
10	737402	Bowden Lwr Sprt Guide Bracket	1.0	EA	0.00
11	737501	Heat Shield	1.0	EA	0.00
12	738001	Handle Bracket Insulator	1.0	EA	0.00
13	738301	Heater Latch Release Handle	1.0	EA	0.00
14	738601	Lever Base Bracket	1.0	EA	0.00
15	738701	Lever Base Bracket Gasket	1.0	EA	0.00
16	809001	Htr Cover Plate Gasket	1.0	EA	9.34
17	8163210	Electrical Safety Test Label	1.0	EA	0.00
18	8163426	Model 724301 Part NO Label	1.0	EA	0.00
19	816382	Temperature Scale Label	1.0	EA	6.85
20	A707902	26/180 Exp Htr Butt Plate Kit	1.0	EA	398.00
21	T5030006	Heater Control Pcb Assy (Effective to 12/15/20)	1.0	EA	0.00
21	T5030009	Heater Control Pcb Assy	1.0	EA	0.00
22	T5030007	Potentiometer Assy	1.0	EA	24.65
23	T5077602	Rtd W/ Conn X 12"	1.0	EA	78.91
24	T5077903	Ground Wire W/#8 Term X 10"	1.0	EA	29.14
25	T5078008	120V 2X800W Crtg Htr Asyw/term	1.0	EA	0.00
26	T5078102	15A/125V Pwr Cord W/plug&conn	1.0	EA	175.00
27	MAE00137	#10-24NCX5/8LG Bhscs Stl PL	8.0	EA	0.32
28	MAC00055	1/4-20NCX1LG Shcs PL	2.0	EA	0.48
29	MAH00296	#6-32X1/4 Phil Pan Sealg Scr	1.0	EA	1.86
30	MAL00010	#6-19X3/4LG Torx T15 Pan Hdscr	4.0	EA	0.55
31	MAL00024	#8-32NCX1/4LG Hwhsms SS	1.0	EA	0.34
32	MAL00031	#6-19X1-1/2'LG Torx T15 Panscr	2.0	EA	0.22
33	MAL00034	#6-19X1/4LG Phil Pan Hdscr	2.0	EA	0.06
34	MAL00035	#6-19X3/8LG Phil Pan Hdscr	4.0	EA	0.08
35	MAN00008	#10-24NCX1LG Shcs SS (Effective to 6/17/21)	4.0	EA	0.70
35	MAN00011	#10-24NCX1-1/4LG Shcs SS	4.0	EA	1.08
36	MAN00125	#8-32NCX7/8LG Shcs SS	1.0	EA	0.00
37	MBA00067	3/8-32NEF X 0.22 X 1/4 Sealnut	1.0	EA	4.08
38	MBG00137	#10 Belleville Spring Wshr SS	4.0	EA	1.08
39	MCE00065	1/4DIA X 1.00 Grip Detent Pin	1.0	EA	0.00
40	MDL00373	.040DIA Buna O-ring Cord Stock	1.9	FT	1.68
41	MDL00374	O-ring	1.0	EA	0.57
42	MHA00092	.437ID X .562OD Silicone Tubing	3.37	IN	0.00
43	MJJ00023	Control Knob	1.0	EA	4.86
44	MJK00002	2.5LG, 150-650DEG F Thermometer	1.0	EA	47.64
45	MJN00024	1/2-13 Ball Plunger	1.0	EA	0.00
46	MLF00175	Mega-fit Rec Conn,	1.0	EA	1.00
47	MQI00111	Heatsink	1.0	EA	0.00

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