



McElroy Manufacturing, Inc.

The leader by design.

Tulsa, Oklahoma U.S.A.

DRAWN:

ERA

CHECK:

PJD

APPR'D:

JAL

DATE:

03/14/12

SHT

No: 1A

REV

No: L

PART

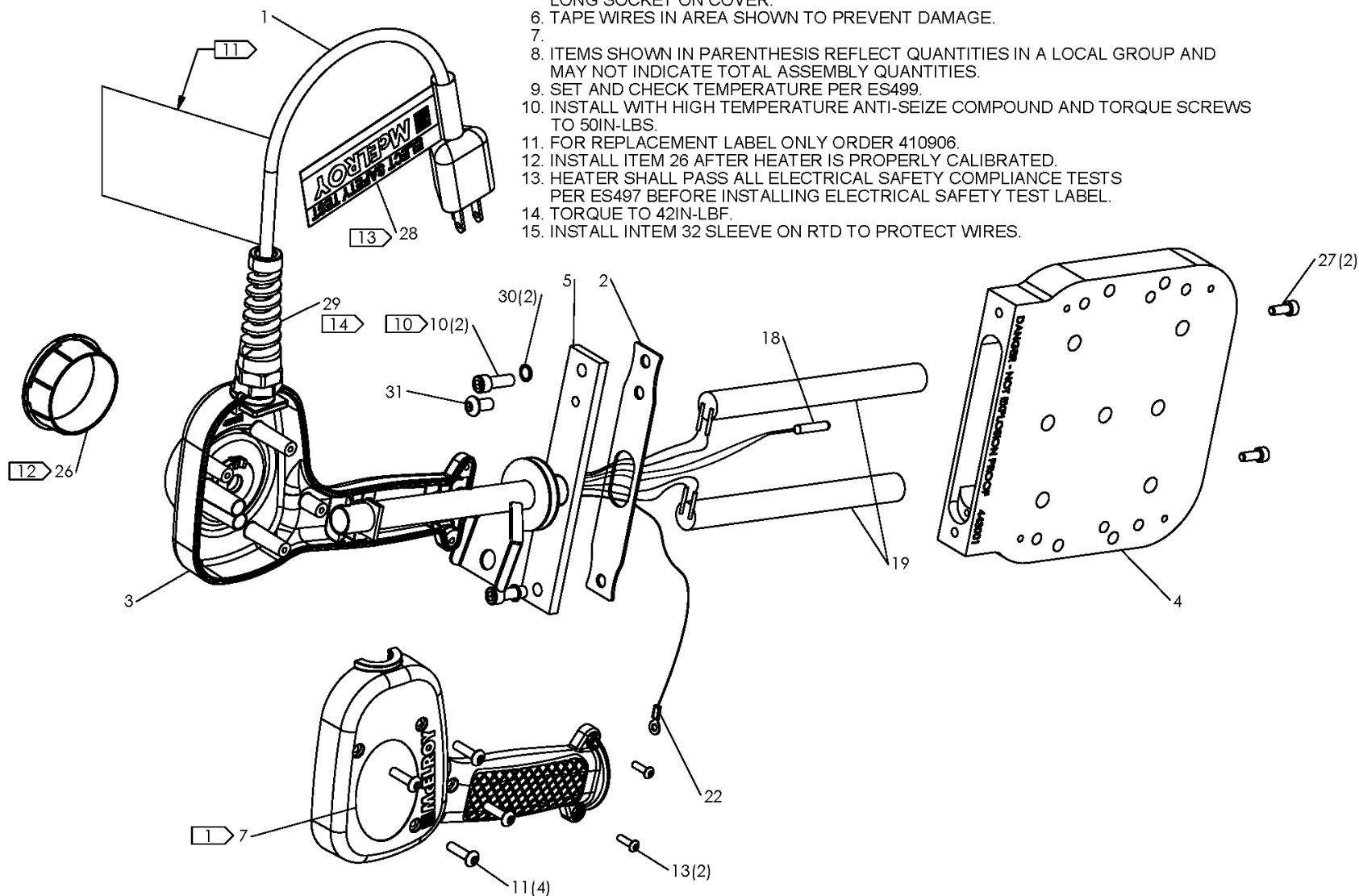
No: 442901

LARGE SOCKET HEATER ASSEMBLY 100-120V, 50/60 Hz, 1Ph

NOTE: THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF McElroy Manufacturing, Inc. THE DRAWING IS NOT TO BE REPRODUCED IN ANY MANNER, SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION, OR USED DIRECTLY OR INDIRECTLY FOR THE PURPOSES OTHER THAN THOSE FOR WHICH IT WAS FURNISHED WITHOUT WRITTEN PERMISSION OF McElroy Manufacturing, Inc.

NOTES:

1. ITEM 7 SHOULD BE ORIENTED THE SAME AS THE MMI LOGO.
2. ITEM 6 MUST BE ORIENTED SO THE NOTCH ENGAGES THE KEY ON ITEM 4.
3. RING TERMINAL MUST BE ORIENTED AS SHOWN.
4. PLACE TWO JUMPERS AS SHOWN FOR 100-120V OPERATION.
5. WHEN MATING HALVES, MAKE SURE THE LED ON THE PC BOARD FITS INTO LONG SOCKET ON COVER.
6. TAPE WIRES IN AREA SHOWN TO PREVENT DAMAGE.
- 7.
8. ITEMS SHOWN IN PARENTHESIS REFLECT QUANTITIES IN A LOCAL GROUP AND MAY NOT INDICATE TOTAL ASSEMBLY QUANTITIES.
9. SET AND CHECK TEMPERATURE PER ES499.
10. INSTALL WITH HIGH TEMPERATURE ANTI-SEIZE COMPOUND AND TORQUE SCREWS TO 50IN-LBS.
11. FOR REPLACEMENT LABEL ONLY ORDER 410906.
12. INSTALL ITEM 26 AFTER HEATER IS PROPERLY CALIBRATED.
13. HEATER SHALL PASS ALL ELECTRICAL SAFETY COMPLIANCE TESTS PER ES497 BEFORE INSTALLING ELECTRICAL SAFETY TEST LABEL.
14. TORQUE TO 42IN-LBF.
15. INSTALL ITEM 32 SLEEVE ON RTD TO PROTECT WIRES.





McElroy Manufacturing, Inc.
The leader by design.
Tulsa, Oklahoma U.S.A.

DRAWN: ERA

CHECK: PJD

APPRVD: JAL

DATE: 03/14/12

SHT No: 1B

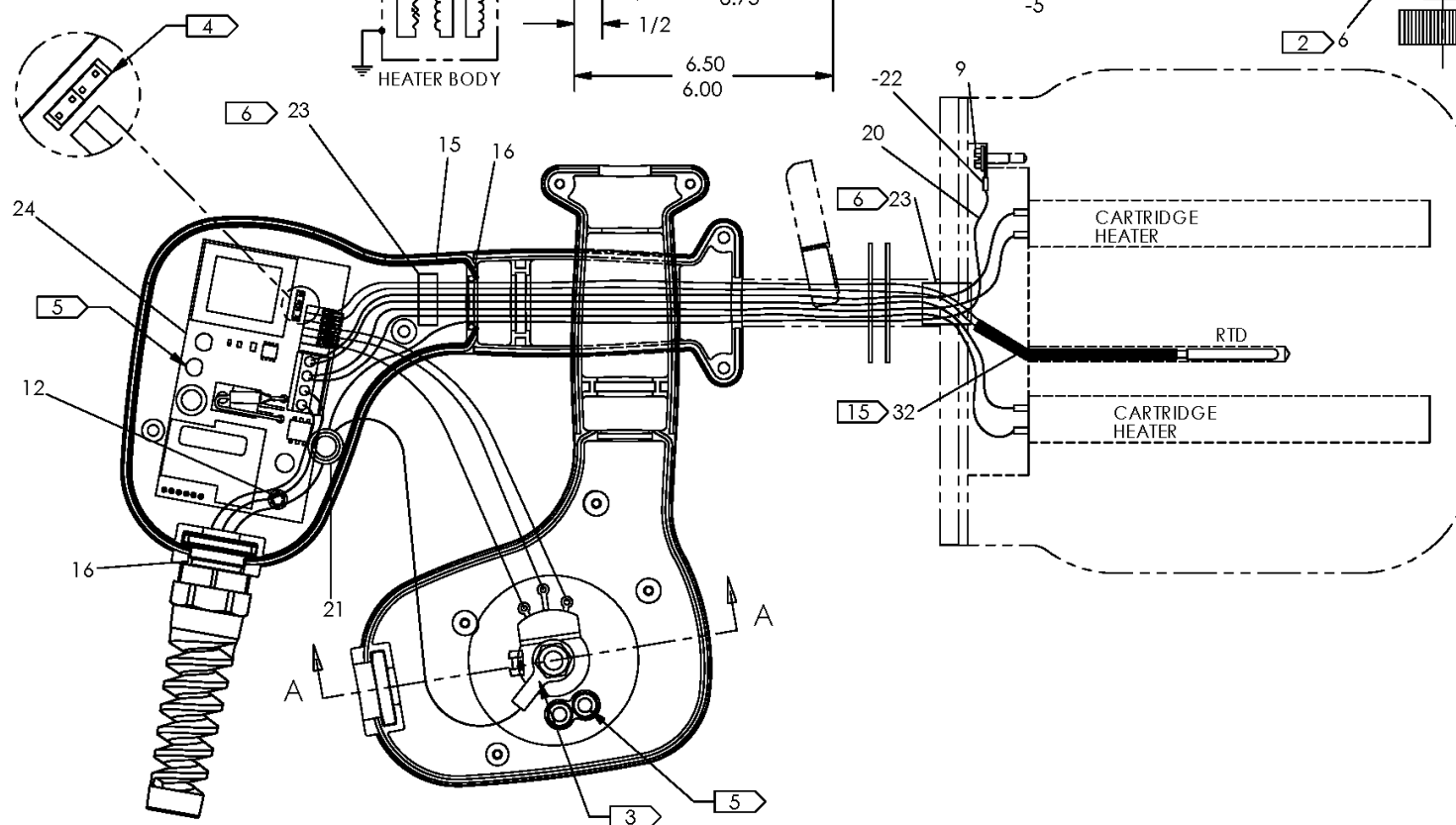
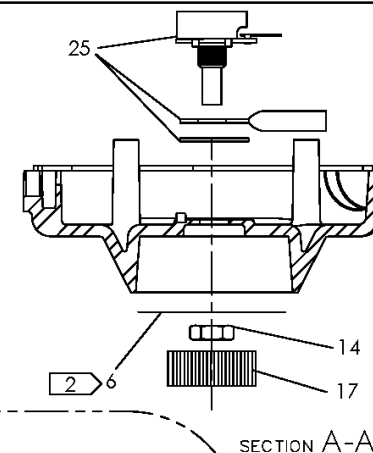
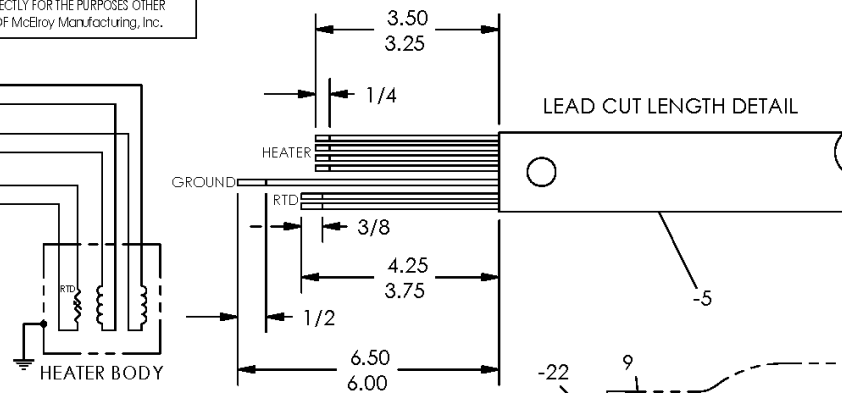
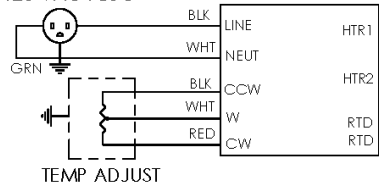
REV No: L

PART No: 442901

LARGE SOCKET HEATER ASSEMBLY 100-120V, 50/60 Hz, 1Ph

NOTE: THIS DRAWING AND THE INFORMATION CONTAINED THEREIN IS THE CONFIDENTIAL AND PROPRIETARY PROPERTY OF McElroy Manufacturing, Inc. THE DRAWING IS NOT TO BE REPRODUCED IN ANY MANNER, SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION, OR USED DIRECTLY OR INDIRECTLY FOR THE PURPOSES OTHER THAN THOSE FOR WHICH IT WAS FURNISHED WITHOUT WRITTEN PERMISSION OF McElroy Manufacturing, Inc.

120 VAC PLUG



McElroy Manufacturing Parts List

Part Number: 442901 Obsolete & Replaced by 470101 (Large 120V Socket Heater Assembly)



Large 120V Socket Heater Assembly

Part Number 442901 Component List

Item	Component	Description	Quantity	Unit	Price
1	434201	Replaced by A434202 (Effective to 4/26/17)	1.0	EA	0.00
1	434202	13AMP/120V Power Cord	1.0	EA	42.08
2	436301	Cover Plate Gasket	1.0	EA	6.39
3	437203	Small Htr Handle/enclosure	1.0	EA	30.34
4	443001	Large Heater Body	1.0	EA	316.00

McElroy Manufacturing Parts List

Part Number: 442901 Obsolete & Replaced by 470101 (Large 120V Socket Heater Assembly)

5	443101	Heater Handle Wld	1.0 EA	89.67
6	816382	Temperature Scale Label (Effective to 9/17/12)	1.0 EA	6.85
6	8163207	Temperature Set Label	1.0 EA	8.35
7	8163206	Model 442901 Part No. Label	1.0 EA	15.72
8	A424901	14 MultiMc/Socket Fusion Heater Screw&Driver Kit	1.0 EA	48.36
9	MAH00036	#6-32NCX3/8LG Hwh TC Scr (Effective to 2/13/19)	1.0 EA	0.35
9	MAL00024	#8-32NCX1/4LG Hwhsms SS	1.0 EA	0.34
10	MAH00052	1/4-20NC X 3/4"LG Shcs SS	2.0 EA	1.08
11	MAL00010	#6-19X3/4LG Torx T15 Pan Hdscr	4.0 EA	0.55
12	MAL00011	#6-19X1/4LG Torx T15 Pan Hdscr	1.0 EA	0.64
13	MAL00013	#6-19X1/2LG Torx T15 Pan Hdscr	2.0 EA	0.48
14	MBA00067	3/8-32NEF X 0.22 X 1/4 Sealnut	1.0 EA	4.08
15	MDL00243	.070DIA Buna-n O-ring Stock	1.5 FT	0.96
16	MDL00248	O-ring	2.0 EA	0.69
17	MJJ00023	Control Knob	1.0 EA	4.86
18	MKI00003	1X3/16 316SS 100OHM Plat Rtd	1.0 EA	59.44
19	MLD00090	120V,800W,5/8X5-3/8 Ctrg Htr (Effective to 3/26/12)	2.0 EA	0.00
19	MLD00091	120V,800W,5/8X6 Ctrg Htr	2.0 EA	114.00
20	MLL00004	#18 Type Tggt Elec Wire (Effective to 8/29/16)	1.0 FT	2.42
20	MLL00214	#18 Type Tggt Wire, Green/yel	1.25 FT	1.65
21	MLM00002	2/16-2/22 Closed End Splice	1.0 EA	0.79
22	MLM00004	18-22 X #6 Ring Term, Non-insu (Effective to 2/13/19)	1.0 EA	0.96
22	MLM00372	18-22 X #8 Hi-temp Ring Term	1.0 EA	1.18
23	MLN00219	Fiberglass Tape (per Ft)	0.666 FT	0.52
24	T5030001	Heater Control Pcb Assy	1.0 EA	149.00
25	T5030002	Potentiometer Assy	1.0 EA	14.08
26	T5030104	Heater Control Knob Cover	1.0 EA	9.36
27	MAJ00011	#10-24NCX1/2LG Phrms Stl PL (Effective 8/30/12 to 9/15/14)	2.0 EA	1.08
27	MAH00046	#10-24NCX1/2LG Shcs SS	2.0 EA	1.09
28	8163210	Electrical Safety Test Label	1.0 EA	0.00
29	434302	Power Cord Strain Relief	1.0 EA	13.79
30	MBG00133	1/4" Belleville Spring Wshr SS	2.0 EA	1.53
31	MAN00045	1/4-28NFX1/2LG Bhscs SS	1.0 EA	1.08
32	MLW00002	0.133ID Fiberglas Sleeve(roll)	0.5 FT	1.93

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