Relationship Between Temperature And Electrical Resistance For Temperature Sensor (Thermistor)
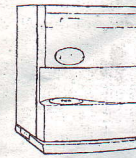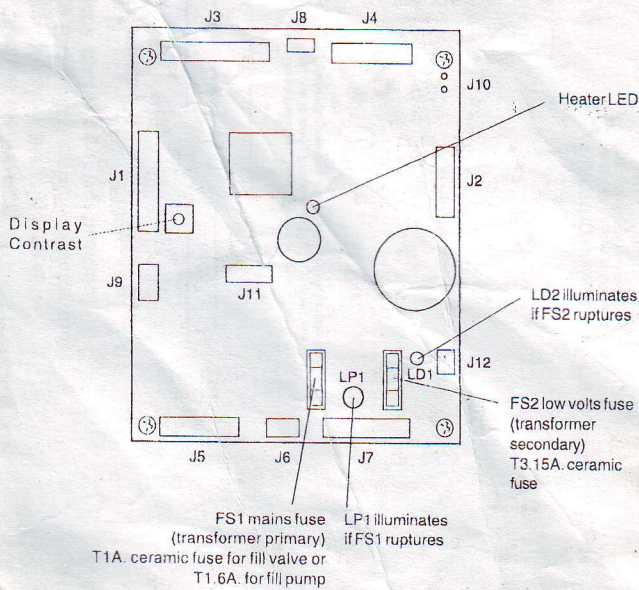
Resistance values at intermediate temperatures	
Temperature °C	Resistance K Ohms
0	32.51
5	25.31
10	19.86
15	15.69
20	12.49
25	10.0
30	8.060
35	6.536
40	5.331
45	4.373
50	3.606
55	2.989
60	2.490
65	2.085
70	1.753
75	1.481
80	1.256
85	1.070
90	0.9155
95	0.7861
100	0.6775

Surface Mount Pcb

Surface Mount Pcb diagram with connectors J1–J12, Heater LED, Display Contrast, LD1, LD2 illuminates if FS2 ruptures, FS2 low volts fuse (transformer secondary) T3.15A. ceramic fuse, FS1 mains fuse (transformer primary) T1A. ceramic fuse for fill valve or T1.6A. for fill pump, LP1 illuminates if FS1 ruptures.

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6GM SINGLES BREWER

ERROR LIST

Notes:

If 'Out of Service' is displayed, pressing the Prog or Reset button will reveal the error number (saving the need to enter the Error Log).

If 'Out of Service/Press Reset' is displayed, pressing the Reset button will attempt to reset the machine.

No.	Fault Description	Display Message
52	Failure in communication to the Packit key	(Out of Service)
57	Communication error (i.e. with a validator)	(Out of Service/Press Reset)
58	Faulty Novol memory chip	(Out of Service/Press Reset)
59	Pressure switch tripped	(Over Pressure)
61	Brewmech Error	(Capsule Jammed/Press Reset)
62	Brewmech Error	(Capsule Jammed/Press Reset)
63	Brewmech Error	(Capsule Jammed/Press Reset)
64	Brewmech Error	(Capsule Jammed/Press Reset)
65	Brewmech Error	(Capsule Jammed/Press Reset)
67	Brewmech Error	(Capsule Jammed/Press Reset)
68	Brewmech Error	(Capsule Jammed/Press Reset)
69	Clamp open during brew	(Close Clamp)
90	Pressure switch open circuit or disconnected	(Out of Service)
92	Brew pump motor not found	(Out of Service)
93	Brewmech motor not found	(Out of Service)
100	Missing or open circuit thermistor	(Out of Service)
101	Heater timeout expired	(Check Steam Stat)
103	Spill sensor short circuit to cabinet earth	(Check Spill)
104	Water at top probe but not at bottom probe	(Out of Service)
105	Water filling timeout expired	(Check Water)
106	Water top-up timeout expired	(Check Water)
107	Temperature measurement error (faulty pcb)	(Out of Service)
108	Temperature measurement error (faulty pcb)	(Out of Service)
109	Temperature measurement error (faulty pcb)	(Out of Service)
110	Short circuit thermistor (thermistor, wiring or p.c.b. fault)	(Out of Service)
200-203	Failure in communication to the Packit key	(Out of Service)