

## Merrychef eikon e2s Marine Oven

## Recommended Parts List

## Recommended Min Stock Holding &amp; Service List

Service Manual Exploded View	Part Number	Description	Qty Per Oven	Unit	1-10 Ovens	11-50 Ovens	51-100 Ovens	Recommended Service List
1	30Z1177	20 AMP LITTLEFUSE FLM020	2	EA	2	6	12	2
2	30Z1178	30A FUSE HOLDER	2	EA	2	6	12	
3	30Z1587	LV TRANS HCT	1	EA	1	3	6	1
4	30Z1477	e2 MICROSWITCH SHORT ARM	2	EA	2	6	12	2
5	PSB250	COOLING FAN ASSY MARINE	1	EA	1	3	6	
6	30Z1554	CONVOTHERM TOGGLE SWITCH	1	EA	1	3	6	1
7	30Z1566	SHORT LEVER MICROSWITCH	1	EA	1	3	6	1
8	30Z1562	AIR FILTER MICROSWITCH	1	EA	1	3	6	1
9	30Z5019	ILLUMINATION BOARD <b>(NOTE-2 BELOW)</b>	1	EA	1	3	6	
10	P30Z5021	CONTROL PCB UNI <b>SRB</b>	1	EA	1	3	6	1
11	P30Z5022	e2s MOTOR SPEED CONTROLLER	1	EA	1	3	6	
13	SB374	USB PLASTIC PARTS ASSY	1	EA	1	3	6	
14	31Z0600	USB ADAPTOR MODULE	1	EA	1	3	6	
15	31Z1374	DOOR HINGE ASSY	2	EA	2	6	12	2
16	31Z1385	USB SPRING e2s	1	EA	1	3	6	
19	DB0031	DOOR CHOKE PLATE	1	EA	1	3	6	
20	PSB391	e2s GASKET KIT		EA	1	3	6	
21	DR0243	THERMOCOUPLE K-700 <b>(NOTE-4 BELOW)</b>	1	EA	1	3	6	1
22	PSB3168	PTFE WRAPPED IMPINGER V2	1	EA	1	3	6	1
23	DB0694	e2s OVERLAY - MERRYCHEF	1	EA	1	3	6	1
24	DB0565	CONTROL D - SPLINE	1	EA	1	3	6	
25	DB0179	REAR CASEWORK PRESSED	1	EA	1	3	6	
28	DB0277	USB SEAL e2s	1	EA	1	3	6	
30	DB0279	MOUNT SEAL e2s	1	EA	1	3	6	
31	PSB1111	DOOR HANDLE ASSY MARINE	1	EA	1	3	6	
32	DB0301	e2s SIDE TRIM PLASTIC	2	EA	2	6	12	
34	DB0322	CONTROL D GASKET	1	EA	1	3	6	
36	DR0021	HARMONISED SPEAKER	1	EA	1	3	6	
37	PSR153	OTS REPLACEMENT KIT 2021 <b>(NOTE-5 BELOW)</b>	1	EA	1	3	6	1
38	PDR0142	e2s HEATER ELEMENT Kit	1	EA	1	3	6	
41	P30Z5009	TOUCH SCREEN <b>QTS</b> UI PCB	1	EA	1	3	6	1
44	PSB238	e2s CONVECTION MOTOR HANNING	1	EA	1	3	6	
48	PSB316	e2s DOOR SEAL ASSY	1	EA	1	3	6	1
49	PSB318	e2s STEAM PIPE ASSY	1	EA	1	3	6	
50	DB0794	UPPER CATALYST e2s	1	EA	1	3	6	
51	SB326	AIR FILTER FRAME ASSY	1	EA	1	3	6	1
52	SB363	e2s PARTITION PLATE	1	EA	1	3	6	
55	30Z1504	e2 USA FUSE HOLDER	1	EA	1	3	6	
56	30Z1507	12A FUSE SLOW/B	1	EA	1	3	6	1
60	30Z1594	2 STAGE MAINS FILTER	2	EA	2	6	12	
67	DB0486	LARGE RAD CAP CLIP MARINE	1	EA	1	3	6	
68	DB0488	CONTROL PANEL CL MARINE	1	EA	1	3	6	
72	PSB252	DOOR FRAME ASSY MARINE	1	EA	1	3	6	
73	PSB259	LH CASWORK - CL MARINE	1	EA	1	3	6	
74	PSB258	RH CASWORK - CL MARINE	1	EA	1	3	6	
75	SB398	LID ASSEMBLY CL MARINE	1	EA	1	3	6	
77	DB0484	e2s DOOR SKIN - CL MARINE	1	EA	1	3	6	
Not Numbered	SB3107	AIR FILTER BODY V3 MARINE	1	EA	1	3	6	
Not Shown	30Z1457	eikon SRB 1.25A FUSE	1	EA	1	3	6	1
Not Shown	31Z0186	SILASTIC BLACK (DOOR SEAL)		TUBE	1	3	6	1
Not Shown	31Z0688	PATCH CABLE 0.5m QTS SRB	1	EA	1	3	6	
Not Shown	31Z1255	CABLE GLAND BLACK PG21	1	EA	1	3	6	
Not Shown	31Z1256	NUT FOR CABLE GLAND PG21	1	EA	1	3	6	
Not Shown	32Z7079	PERSONALITY MODULE e2s <b>SRB</b>	1	EA	1	3	6	1
Not Shown	32Z7080	PERSONALITY MODULE e2s <b>QTS</b>	1	EA	1	3	6	1
Not Shown	DB0391	AIR DIFFUSER	1	EA	1	3	6	
Not Shown	DR0186	COMMON MODE CHOKE ASSY	1	EA	1	3	6	
Not Shown	DV0830	e4s SPEAKER WIRE	1	EA	1	3	6	
Not Shown	PSB332	e2s CAVITY INSULATION KIT	1	EA	1	3	6	
Not Shown	PSB333	e2s DOOR INSULATION KIT	1	EA	1	3	6	
Not Shown	PSR126	DOOR M/SWITCH KIT MARINE		EA	1	3	6	

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**eikon e2s 220/230Volts 50Hz 16A SP - Marine - Unique Parts**

39, 52 & 71	PSR140	e2s x1 STIRR&P/PLATE KIT SINGLE MAG	1	EA	1	3	6	
57	30Z1427	MAGNETRON OVERHEAT STAT	1	EA	1	3	6	1
58	30Z1431	1.2uF HV CAPACITOR 2500V	1	EA	1	3	6	1
59	P30Z1540	50Hz TRANS MULTI 200-230V	1	EA	1	3	6	
61	PSR240	e2s STIRRER MOTOR ASSY	1	EA	1	3	6	
62	30Z1563	e2s RELAY	1	EA	1	3	6	1
63	PSR109	DIODE REPLACEMENT KIT	1	EA	1	3	6	1
70	P30Z1415	MAGNETRON 2M303H	1	EA	1	3	6	1
76	PSR317	e2s W/GUIDE&P/PLATE KIT	1	EA	1	3	6	
Not Shown	SR250	MAINS LEAD SUPPLY e2s HE 30A	1	EA	1	3	6	

**eikon e2s 208/240Volts 60Hz 15A SP - Marine - Unique Parts****As above eikon 220/230Volts 50Hz 16A SP - Marine but with differences below**

58	30Z1549	0.95 uF HV CAPACITOR 2500V	1	EA	1	3	6	1
59	P30Z1558	60Hz TRANS MULTI 208-240V	1	EA	1	3	6	
Not Shown	SR256	MAINS LEAD SUPPLY e2s SP 15A US	1	EA	1	3	6	

**eikon e2s 208/240Volts 60Hz 30A HP - Marine - Unique Parts**

39, 52 & 71	PSR141	e2s x2 STIRR&P/PLATE KIT TWIN MAG	1	EA	1	3	6	
46	DB0793	LOWER CATALYST e2s <b>(NOTE-1 BELOW)</b>	1	EA	1	3	6	
57	30Z1427	MAGNETRON OVERHEAT STAT	2	EA	2	6	12	1
58	30Z1549	0.95 uF HV CAPACITOR 2500V	2	EA	2	6	12	2
59	P30Z1558	60Hz TRANS MULTI 208-240V	2	EA	2	6	12	
61	PSR240	e2s STIRRER MOTOR ASSY	2	EA	2	6	12	
62	30Z1563	e2s RELAY	2	EA	2	6	12	2
63	PSR109	DIODE REPLACEMENT KIT	2	EA	2	6	12	1
70	P30Z1415	MAGNETRON 2M303H	2	EA	2	6	12	1
76	PSR317	e2s W/GUIDE&P/PLATE KIT	2	EA	2	6	12	
Not Shown	SR245	MAINS SUPPLY LEAD e2s DH 30A	1	EA	1	3	6	

**eikon e2s Service and Upgrade Kits**

Not Shown	PSB1124	e2s COOKPLATE IMPROV KIT		EA	1	3	6	
Not Shown	PSB1133	e2s HINGE BKT IMPROV KIT		EA	1	3	6	
Not Shown	PSB194	e2s PARTS FLIGHT KIT		EA	1	3	6	1

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<b>e2s Accessories</b>								
78	PSB247	MERCHANDISING PANEL-RED		EA	1	3	6	
78	PSB248	MERCHANDISING PANEL-BLK		EA	1	3	6	
78	PSB272	MERCHANDISING PNL-CLAS		EA	1	3	6	
Not Shown	32Z4079	GASTRONORM 1/4 65mm PAN	1	EA	1	3	6	
Not Shown	32Z4080	e2s S/BASKET 11"x11"	1	EA	1	3	6	
Not Shown	32Z4081	e2s PERFORATED BASKET 11"x11"		EA	1	3	6	
Not Shown	32Z4088	e2s LINER	2	EA	2	6	12	
Not Shown	32Z4089	e2s S/BASKET QTR SIZE		EA	1	3	6	
Not Shown	32Z4090	e2s S/BASKET HALF SIZE		EA	1	3	6	
Not Shown	32Z4093	e2s S/BASKET 11"x11" GREEN		EA	1	3	6	
Not Shown	32Z4094	e2s S/BASKET 1/2 SIZE GREEN		EA	1	3	6	
Not Shown	32Z4095	e2s S/BASKET 1/4 SIZE GREEN		EA	1	3	6	
Not Shown	32Z4096	e2s LINER GREEN		EA	1	3	6	
Not Shown	32Z4100	e2s SOLID BASKET 11"x11" - RED		EA	1	3	6	
Not Shown	32Z4101	e2s SOLID BASKET 11"x11" - BLUE		EA	1	3	6	
Not Shown	DB0719	FLAT/GRIDDLE COOK PLATE ( <b>NOTE-3 BELOW</b> )	1	EA	1	3	6	
Not Shown	DB0739	FLAT/FLAT COOK PLATE		EA	1	3	6	
Not Shown	PSB179	JET PLATE & WIRE RACK COMBINED		EA	1	3	6	
Not Shown	PSB3108	ISOLATED COOK PLATE ASSY e2s ( <b>NOTE-3 BELOW</b> )		EA	1	3	6	
Not Shown	SR318	GUARDED PADDLE e2s	1	EA	1	3	6	

NOTES:

**NOTE-1** From July 2017 Lower Catalyst Assy was removed from single Mag Ovens and the Cavity was modified with a blanking plate to suit.

**NOTE-2** From Oct 2017 Illumination Board - 30Z5019 was removed from the Oven BOM.

**NOTE-3** From Jan 2019 Cook Plate changed to DB0719 - Flat/Griddle Cook Plate

**NOTE-4** From Aug 2020 Thermocouple changed from DB0063

**NOTE-5** From Apr 2021 Oven Temp Stat changed from DR0079