



Merrychef eikon e4s Oven

Recommended Parts List

Recommended Min Stock Holding & 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	e4s Unique Parts over e4
1	31Z4046	M3 CAGE NUT	10	EA	10	30	60		
2	30Z0503	SWITCH ON/OFF ROCKER DPST	1	EA	1	3	6	1	
3	30Z1535	25 AMP LITTLEFUSE FLM025	2	EA	2	6	12	2	2
4	30Z1178	30A FUSE HOLDER	2	EA	2	6	12		
5	30Z1427	MAGNETRON OVERHEAT STAT	2	EA	2	6	12	1	
6	30Z1430	MICROSWITCH (LARGE)	1	EA	1	3	6	1	
7	30Z1459	MICROSWITCH	2	EA	2	6	12	2	
10	P30Z5021	CONTROL PCB UNI SRB	1	EA	1	3	6	1	1
11 - 55	P30Z5009	TOUCH SCREEN QTS UI PCB	1	EA	1	3	6	1	
12	PSR109	DIODE REPLACEMENT KIT	2	EA	2	6	12	2	2
13	31Z0680	INSULATOR PLATE	2	EA	2	6	12		
14	31Z0186	SILASTIC BLACK (DOOR SEAL)		TUBE	1	3	6	1	
21	31Z1259	SHEET COVER CAP 12MM DIA	4	EA	4	12	24		
22 - 79 - 90	PSA1243	e4s GASKET KIT	1	EA	1	3	6		1
23	32Z7075	PERSONALITY MODULE SRB e4s	1	EA	1	3	6	1	1
24	32Z7076	PERSONALITY MODULE QTS e4s	1	EA	1	3	6	1	1
25	6004011	RUBBER FOOT 0 40 X 25	1	EA	1	3	6		
26	DR0006	REED SWITCH	1	EA	1	3	6	1	
27	DR0007	MERRYCHEF BADGE	1	EA	1	3	6		
28	DR0008	MERRYCHEF BADGE SLIDER	1	EA	1	3	6		
29	DR0009	MERRYCHEF BADGE GUIDE	2	EA	2	6	12		
30	DR0011	TOUCHSCREEN OVERLAY	1	EA	1	3	6	1	
31	DR0021	HARMONISED SPEAKER	1	EA	1	3	6		
32	DR0030	HANDLE SPACER	2	EA	2	6	12		
33	DR0047	MERRYCHEF BADGE SEAL	1	EA	1	3	6		
34	PSR122	e3/e4s STIRR PLATE&SEAL KIT	2	EA	2	6	12	2	2
35	DR0079	eikon OVEN TEMP STAT (NOTE-4 BELOW)	1	EA	1	3	6	1	1
35	PSR153	OTS REPLACEMENT KIT 2021 (NOTE-4 BELOW)	1	EA	1	3	6		
36	DV0187	TOP PANEL (PRESSED)	1	EA	1	3	6		
37	DV0202	CERAMIC PLATE RETAINER	4	EA	4	12	24		
38	DV0370	LOWER IMPINGER HANDLE	1	EA	1	3	6		
39	DV0816	e4s CAST RH DUCT	1	EA	1	3	6		1
40	DV0403	CAST REAR DUCTING LH	1	EA	1	3	6		
41	DV0431	DOOR HANDLE	1	EA	1	3	6		
42	DV0437	LOWER FASCIA FINISHED	1	EA	1	3	6		
43	DV0452	CAPACITOR CLIP	2	EA	2	6	12		
44	DV0840	e4s RH SIDE PANEL	1	EA	1	3	6		1
45	DV0841	e4s LH SIDE PANEL	1	EA	1	3	6		1
46	DV0692	SEAL - CERAMIC COVER	2	EA	2	6	12	2	
47 - 41 - 32	PSA2144	DOOR SKIN ASSY e4	1	EA	1	3	6		
49	DV0168VIT	DOOR CHOKE PRESSED VITREOUS (NOTE-2 BELOW)	1	EA	1	3	6		
49	DV0808	e4s DOOR CHOKE S/S (NOTE-2 BELOW)	1	EA	1	3	6		
50	DR0240	THERMOCOUPLE K-101.5	1	EA	1	3	6	1	1
51	DV0922	AIR DIFFUSER (NOTE-3 BELOW)	1	EA	1	3	6		
51	SA3153	e4s AIR DIFFUSER ASSY (NOTE-3 BELOW)	1	EA	1	3	6		1
52	P30Z1415	MAGNETRON 2M303H	2	EA	2	6	12	1	
54 - 22 - 90	PSA1242	e4s HEATER ASSEMBLY KIT	1	EA	1	3	6		1
56	PSA2191	e4s IMPINGER PLATE LOWER	1	EA	1	3	6		1
57	PSA2195	e4s COOLING FAN ASSEMBLY	1	EA	1	3	6		1
58	PSA288	STIRRER MOTOR ASSY (PINNED)	2	EA	2	6	12		
59 & 61	PSR270	STIRRER ASSY (BOLTED)	2	EA	2	6	12		
60	PSA3113	DOOR SEAL	1	EA	1	3	6	1	
62	PSR101	eikon DOOR HINGE SERVICE KIT	1	EA	1	3	6		
63	PSR102	eikon M/SWITCH BRACKET KIT		EA	1	3	6		
64 - 60 - 49	PSA2197	e4s DOOR+CHOKE ASSY	1	EA	1	3	6		1
64-60-49-47-41	PSA1215	e4s DOOR ASSEMBLY (COMPLETE)	1	EA	1	3	6		1
65	SA3127	AIR FILTER ASSY e4	1	EA	1	3	6	1	
66	DV0773	CAVITY HOT BOX FINISHED	1	EA	1	3	6		1
67	SA3134	REAR PANEL WELDED ASSY e4s	1	EA	1	3	6		1
68	SA3138	e4s CAST TUNED WAVEGUIDE	2	EA	2	6	12		2
69	PSA1240	e4s UPPER IMPINGER PLATE	1	EA	1	3	6		1
70	DV0937	UPPER CATALYST e4s	1	EA	1	3	6		1
73	31Z1368	e4s FAN WHEEL	1	EA	1	3	6		

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73 - 74 - 53 - 22	PSA1241	e4s HOT AIR MOTOR ASSY KIT	1	EA	1	3	6		1
78	DV0838	CONTROL PANEL e4/e4s	1	EA	1	3	6		
81	SA3132	e4s CAVITY INNER STEAM PIPE	1	EA	1	3	6		1
85	PSA1296	e4s MOTOR SPEED CONTROLLER	1	EA	1	3	6		1
Not Numbered	DV0936	LOWER CATALYST e4s	1	EA	1	3	6		1
Not Shown	30Z1457	eikon SRB 1.25A FUSE	1	EA	1	3	6	1	
Not Shown	31Z0600	USB ADAPTOR MODULE	1	EA	1	3	6		
Not Shown	31Z0620	BTS UI SRB CABLE (WHITE)	1	EA	1	3	6		
Not Shown	31Z1252	BOLT M4 X 10 HEX HD FLANGE SS	8	EA	8	24	48		
Not Shown	31Z1255	PG21 CABLE GLAND BLACK	1	EA	1	3	6		
Not Shown	31Z1256	PG21 CABLE GLAND NUT	1	EA	1	3	6		
Not Shown	31Z1271	SILICONE FOAM TAPE CUT (MAG DUCTS)	2	EA	2	6	12		
Not Shown	DV0638	402s RUBBER BASE	1	EA	1	3	6		
Not Shown	DV0703	BASE LIP	1	EA	1	3	6		
Not Shown	DV0830	e4s SPEAKER WIRE	1	EA	1	3	6		
Not Shown	SA3109	e4s DOOR INSULATION KIT	1	EA	1	3	6		1
Not Shown	SA3136	CAVITY WRAP KIT	1	EA	1	3	6		1

eikon e4s 230Volts 50Hz 32A - UK/EU (HE) - Single Phase - Unique Parts

8	30Z1488	e4s MAINS FILTER 30A	1	EA	1	3	6		1
83	30Z0231	FUSEHOLDER 1in (13A)	3	EA	3	9	18		
84	P30Z1413	230V 50Hz TRANSFORMER	2	EA	2	6	12		
86	30Z1431	1.2uF 2500V CAPACITOR	2	EA	2	6	12	2	2
87	30Z1425	TRANSFORMER 240V 50/60Hz	1	EA	1	3	6	1	
89	30Z0456	FUSE 1in 13A HRC	3	EA	3	9	18	3	
Not Shown	SR234	e4s SINGLE PHASE CABLE (EU) BLUE PLUG	1	EA	1	3	6		1

eikon e4s 230Volts 50Hz 32A - EU (GC) - Twin Phase - Unique Parts

As above eikon e4s 230Volts 50Hz 32A - UK/EU but with differences below

8	30Z1534	e4s MAINS FILTER 20A	2	EA	2	6	12		2
Not Shown	SR239	e4s MAINS CABLE 2P+N+E RED PLUG	1	EA	1	3	6		1

eikon e4s 230Volts 50Hz 32A - AP - Unique Parts

As above eikon e4s 230Volts 50Hz 32A - EU (GC) but with differences below

84	P30Z1233	50Hz TRANS MULTI 220 240	2	EA	2	6	12		2
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eikon e4s 230Volts 50Hz 32A - AZ - Unique Parts

As above eikon e4s 230Volts 50Hz 32A - UK/EU but with differences below

8	30Z1534	e4s MAINS FILTER 20A	2	EA	2	6	12		2
Not Shown	SR233	e4s MAINS CABLE AZ 5P	1	EA	1	3	6		

eikon e4s 230Volts 50Hz 32A - CN - Unique Parts

As above eikon e4s 230Volts 50Hz 32A - UK/EU but with differences below

84	P30Z1233	230V 50Hz TRANS MULTI 220 240	2	EA	2	6	12		2
Not Shown	SR236	e4s MAINS CABLE 1P KE CN	1	EA	1	3	6		1

eikon e4s 220Volts 50Hz 32A - ID - Twin Phase - Unique Parts

As above eikon e4s 230Volts 50Hz 32A - UK/EU but with differences below

8	30Z1534	e4s MAINS FILTER 20A	2	EA	2	6	12		1
84	P30Z1233	230V 50Hz TRANS MULTI 220 240	2	EA	2	6	12		2
Not Shown	SR239	e4s MAINS CABLE 2P+N+E RED PLUG	1	EA	1	3	6		1

eikon e4s 230Volts 50Hz 32A - IN - Unique Parts

As above eikon e4s 220Volts 50Hz 32A - ID but with differences below

84	P30Z1413	230V 50Hz TRANSFORMER	2	EA	2	6	12		
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eikon e4s 220Volts 50Hz 32A - LA - Unique Parts

As above eikon e4s 220Volts 50Hz 32A - UK/EU but with differences below

84	P30Z1233	230V 50Hz TRANS MULTI 220 240	2	EA	2	6	12		2
87	30Z1587	LV TRANS HCT	1	EA	1	3	6	1	

eikon e4s 220Volts 50Hz 32A - RU - Unique Parts

As above eikon e4s 220Volts 50Hz 32A - ID (UK/EU)

					1	3	6		
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eikon e4s 230Volts 50Hz 32A - VM - Unique Parts

As above eikon e4s 220Volts 50Hz 32A - ID (UK/EU)

					1	3	6		
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eikon e4s 220V 60Hz 30A - MX (DF) - Unique Parts

8	30Z1488	e4s MAINS FILTER 30A	1	EA	1	3	6		1
83	30Z0285	FUSEHOLDER 1 1/4in (13A)	3	EA	3	9	18		
84	P30Z1230	60HZ TRANS MULTI TAP	2	EA	2	6	12		
86	30Z1331	1.00uF 2500V CAPACITOR	2	EA	2	6	12	2	
87	30Z1587	LV TRANS HCT	1	EA	1	3	6	1	
89	30Z1507	e4s USA 12A FUSE SLOW/B	3	EA	3	9	18	3	3
Not Shown	SR235	e4s US MAIN LEAD ASSY DF	1	EA	1	3	6		1

eikon e4s 208V/240V 60Hz 30A - USA (DF) - Unique Parts

As above eikon e4s 220Volts 60Hz 30A - MX but with differences below

88	30Z1439	OMRON RELAY 12V	2	EA	2	6	12	2	
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eikon e4s 208V/240V 60Hz 30A - USA (DH) - Unique Parts

As above eikon e4s 220Volts 60Hz 30A - MX but with differences below

88	30Z1439	OMRON RELAY 12V	2	EA	2	6	12	2	
Not Shown	SR245	MAINS LEAD SUPPLY e2s DH 30A TWIST LOCK	1	EA	1	3	6		1

eikon e4s 220V 60Hz 32A - BR - Unique Parts

As above eikon e4s 220Volts 60Hz 30A - MX but with differences below

Not Shown	SR219	MAINS SUPPLY LEAD DJ	1	EA	1	3	6		1
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eikon e4s 220Volts 60Hz 32A - KR - Unique Parts

As above eikon e4s 230Volts 50Hz 32A - UK/EU but with differences below

84	P30Z1230	230V 60Hz TRANS MULTI 220 240	2	EA	2	6	12		
86	30Z1331	1.00uF 2500V CAPACITOR	2	EA	2	6	12	2	2

eikon e4s 220Volts 60Hz 32A - PH - Unique Parts

As above eikon e4s 220Volts 60Hz 30A - MX but with differences below

Not Shown	SR238	e4s MAINS LEAD ASSY (MH) PHILIPPINES	1	EA	1	3	6		
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eikon e4s 220Volts 60Hz 32A - SA - Unique Parts

As above eikon e4s 220Volts 60Hz 32A - KR (UK/EU)

					1	3	6		
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eikon e4s 220Volts 60Hz 32A - TW - Unique Parts

As above eikon e4s 220Volts 60Hz 32A - KR (UK/EU) but with differences below

Not Shown	SR237	e4s MAINS LEAD ASSY (DZ) TAIWAN	1	EA	1	3	6		1
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eikon e4s Service and Upgrade Kits

Not Shown	PSA1272	e4/e4s PARTS FLIGHT KIT		EA	1	3	6	1	
Not Shown	PSA1273	e4s THERMOCOUPLE BKT KIT		EA	1	3	6		
Not Shown	PSA1283	e4s AIR DIFFUSER KIT		EA	1	3	6		
Not Shown	PSR110	TEN SPRING SERVICE KIT e3/e4/e4s/e5 & 402s		EA	1	3	6		
Not Shown	PSR113	TWO SPRING SERVICE KIT e3/e4/e4s/e5 & 402s		EA	1	3	6	1	

e4s Accessories

48	PDV0908	ENAMELLED S/S RACK e4s	1	EA	1	3	6		
Not Shown	32Z4028	HALF SIZE GASTRONOM DISH	1	EA	1	3	6		
Not Shown	32Z4032	HASH-BROWN WEAVE BASKET		EA	1	3	6		
Not Shown	32Z4054	BASKET MESH 292 x 343 x 25mm		EA	1	3	6		
Not Shown	32Z4086	e4s/e6 SOLID BASKET 13.5" x 13.5"		EA	1	3	6		
Not Shown	40H0230	ALUMINIUM PTFE TRAY		EA	1	3	6		
Not Shown	DV0343	GRIDDLE CARRIER (FOR PSA1108)		EA	1	3	6		
Not Shown	DV0344	GRIDDLE CARRIER HANDLE (FOR PSA1108)		EA	1	3	6		
Not Shown	DV0860	e4 GRIDDLE COOK PLATE		EA	1	3	6		
Not Shown	DV0870	COOK PLATE e4s		EA	1	3	6		
Not Shown	DX0117	SQUARE BAKING TRAY	1	EA	1	3	6		
Not Shown	PSA1108	GRIDDLE ACCESSORY PACK		EA	1	3	6		
Not Shown	PSA1248	COOK PLATE KIT - USA		EA	1	3	6		
Not Shown	PSA299	4PACK GRIDDLE PLATES (FOR PSA1108)		EA	1	3	6		
Not Shown	SR310	LARGE PADDLE ALUM ASSY		EA	1	3	6		

NOTES:

NOTE-1 In the event of a broken Hinge Spring, then PSR113 - Two Spring Service Kit or PSR110 - Ten Spring Service Kit are available with tool - NOTE Springs MUST be replaced in Pairs.

NOTE-2 From Aug2018 Door Choke changed to DV0808 S/S on Subway models - All other models changed Feb2019

NOTE-3 From 16 Aug2019 the Air Diffuser changed to DV0922 on all models

NOTE-4 For Pre March 2021 Ovens ONLY fit DR0079 - From April 2021 fit PSR153

NOTE-5 30Z1521 Superseeded by PSA1296 both can still be used.