

Technical Bulletin TB170

Subject: eikon Smart Relay Board (SRB) service kit

Equipment Affected: eikon

Implementation Date: 15/07/2010

Serial Numbers Affected: N/A

Date of Issue: 15/07/2010

Brief description: Merrychef continually strive to improve its products and reserve the right to make any improvements or changes to the specification or parts of this oven.

Description of Change: This bulletin outlines the procedure for replacing the SRB on all eikon models using the e4 & e5 SRB with modification to fit e3 models

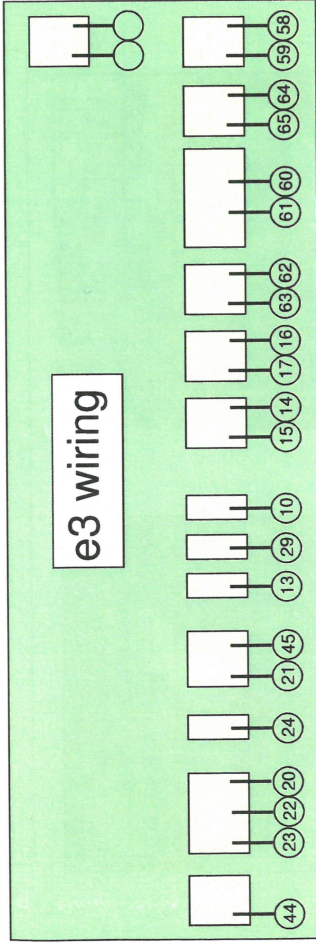
Modification summary:

1. Disconnect the oven from the mains supply before carrying out any service maintenance
2. Remove the outer panel work to access the area required for the modification
3. Remove the loom connectors from the SRB
4. Fit SRB
5. Fit re-wire SRB
6. Refit panel work
7. Carry out safety and operation tests

Parts required	Quantity
P30Z5000 eikon SRB service kit	1
Containing	
30Z5000 Smart Relay Board (SRB) PCB	1
30Z0369 Jumper	1

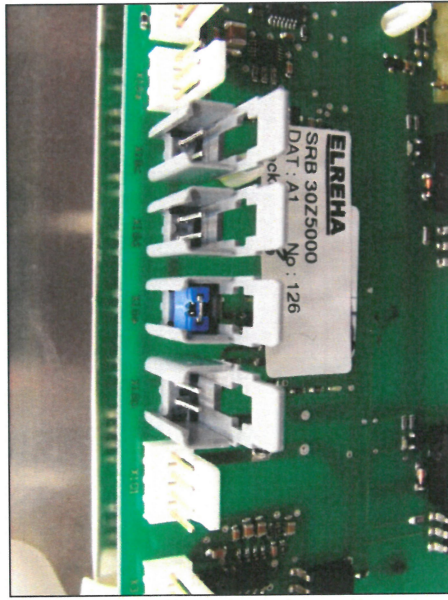
Tool required	Quantity
5.5mm (M3) nut runner	1
7mm (M4) nut runner	1

NOTE: for models that require interference protection upgrade (Capacitor removal and Snubber fitting) please refer to technical bulletin TB177



e3 Models only

Fit Jumper 30Z0369 to Header x18e. Diagram E



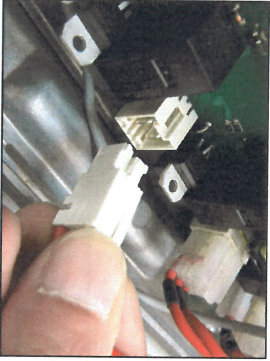
(E)

9. re-fit panel work
10. Carry out safety and operation engineers test

1. Process for carrying out modification / Change:
2. Isolate the oven from the mains supply and discharge the high voltage capacitors.
3. Check that all parts are in the kit provided as per list on page 1
4. Remove the lid and right hand side panel from the e3 or e4 unit or the lid and the control panel from the e5 units
5. Carefully remove the loom connectors from the SRB PCB by releasing the securing tab. See diagram A

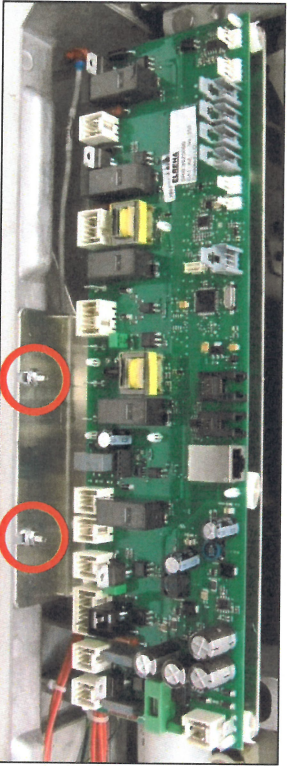


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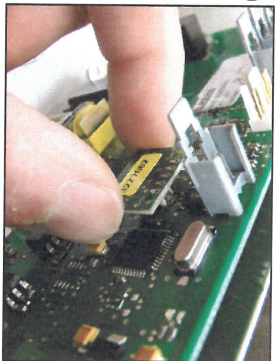
5. Remove the SRB PCB by loosening of the 2 x M4 flange nuts. Diagram B
6. Fit New SRB and tighten M4 flange nut

B



7. Remove Personality module from old SRB and fit to new SRB. Diagram C
8. Re-wire SRB. Ensure connector housing is fully home. Diagram D

C



D

