



Main oven flame outage

DESCRIPTION:

Main Oven Flame goes out during use. The main reason is associated with wrong ventilation in oven caused insulation moving and starving the burner of air.

The pictures below show the insulation preventing air reaching the burner.



Insulation at rear is touching the base support



Insulation on the underside of oven is settling on the trucking plate

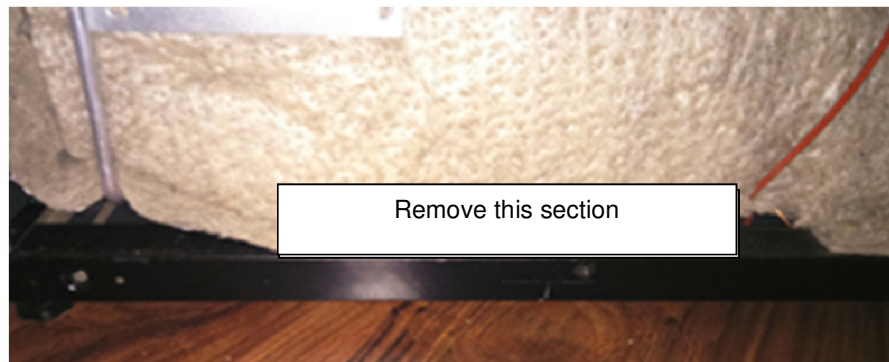
SOLUTION:

In order to improve ventilation in oven, it is required to mount additional burner bracket and exchange rear panel. The burner brackets are fitted to appliances in current production produced from serial number 6200001 however, for appliance produced before it is required to mount it additionally.

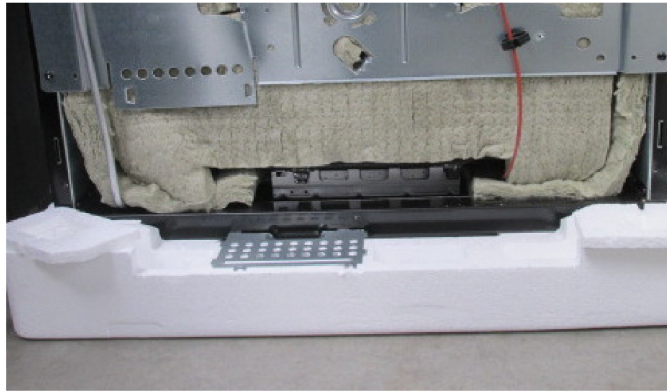
To mount brackets follow instructions below

Remove all burner caps and crowns, all interior fitments and any cookware stored within the appliance and store in a safe place. To facilitate this it will be necessary to place the cooker on one side to access the underside.

Use scissors or a knife taking care not to damage the HT lead or thermocouple. Remove approximately 25mm x length of the burner of insulation. Remove a section of insulation from the rear oven cavity pad making the rear of the burner visible.



This provides a clear view of the burner rear when the back panel is removed.



Remove the trucking plate and gain access to the insulation around the burner



Mark a line 40 to 50mm (1.5 – 2 in.) away from the burner on the insulation.



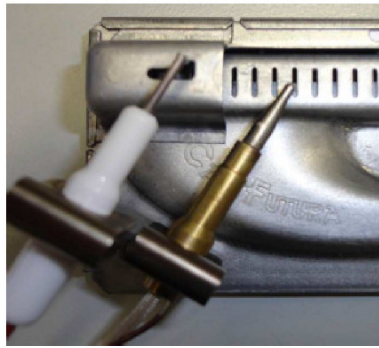
Cut the insulation away with scissors or a knife, taking care not to damage the HT lead or thermocouple.



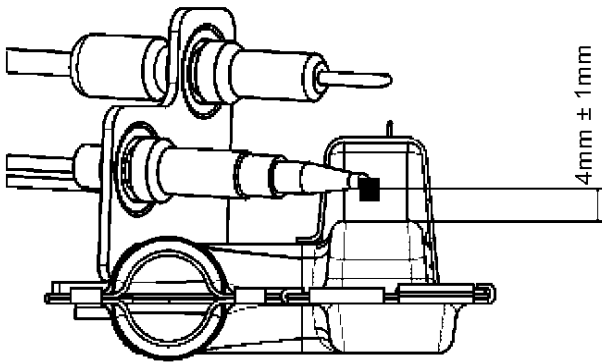
Replace the trucking plate and position the two brackets on the base sides as this so they support the insulation.



Using a 2 mm drill make holes in the cooker base using the holes in the brackets as a template. Secure the brackets with screws 3490860016. Check there is a good air gap between the insulation and the trucking plate. Following re positioning of cooker check the thermocouple tip is positioned on the 4th port viewed from above, or between the 3rd and 4th port.

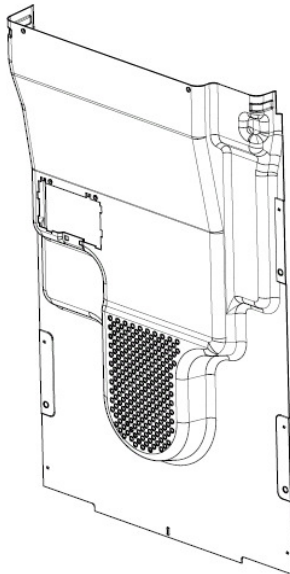


The thermocouple should be positioned $4\text{mm} \pm 1\text{mm}$, above the burner.

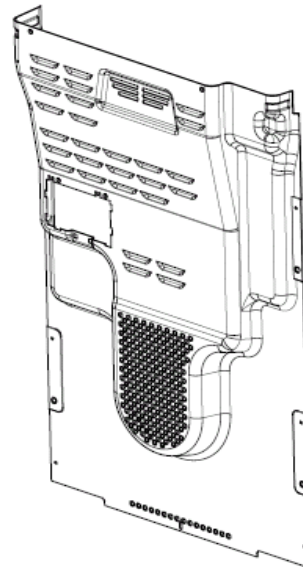


No adjustment should be attempted of the thermocouple tip. The burner bracket should position the thermocouple tip in the correct place.

As a next step is required to exchange the rear panel according to table at the end of this document.

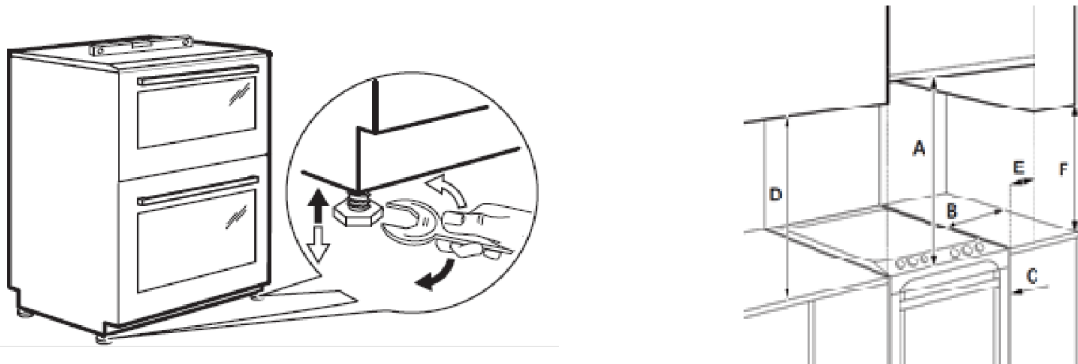


Old type of rear panel



New type of rear panel

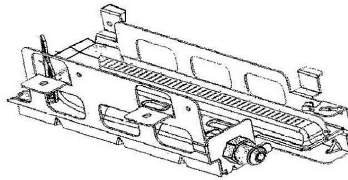
As a next activity is to adjust the feet to a height of 2cm to allow air to be drawn in under the cooker to the burner. The cooker hob top should be level with any adjacent cabinetry, as shown in the Installation Instructions in the User Manual.



In line with Electrolux company policy the working pressure should be checked and recorded on your job sheet in the box provided. Please also place the working pressure in the Technicians comments section, as per this example – '*Insulation blocking air to oven burner working pressure xx mbr*'

Please use the fault code of 117-05

Should you experience flame lift following these instructions please replace the burner complete with the thermocouple and electrode. Before fitting, check if the injector is centrally aligned to the burner throat.



Please return the replaced part complete with the thermocouple using the Return Parts procedure Electrolux have in place. Please include a copy of your job docket with all actions undertaken on the cooker written on the job sheet.

As a last activity please check all safety devices are operating and the installation complies with the GSIU regulations and the Manufacturer's Instructions.

As a reminder the working pressure should be recorded on all gas calls where any work has been undertaken on the appliance, this includes adjustment to the ignition, combustion, the containment or the removal of combustion products to the room where the cooker is installed. Please see the Gas Safety Installation and Use Regulations 26 (7) to (9).

SPARE PART NUMBER:

Type of insulation support	Spare part code	Description
Insulation support for 60cm cooker	140058105010	Follow instruction above
Insulation support for 55cm cooker	140058105028	Follow instruction above

Type of part	Spare part code	Description
Screw dedicated to mount the insulation support	3490860016	4 screws are required

Old rear panel	New rear panel	Description
3877357065	140041963046	To improve ventilation
3877357040	140041963038	To improve ventilation
3877357032	140041963020	To improve ventilation
3877357016	140041963012	To improve ventilation

MODELS INVOLVED:

This solution is valid for all cookers between serial 53000001 and 62000001.

REVISION:

Revision	Date	Description	Author	Approved by - on
00	10/2016	Document Creation	Ewelina Fidor	Marcin Żurawski 2017-04-21