

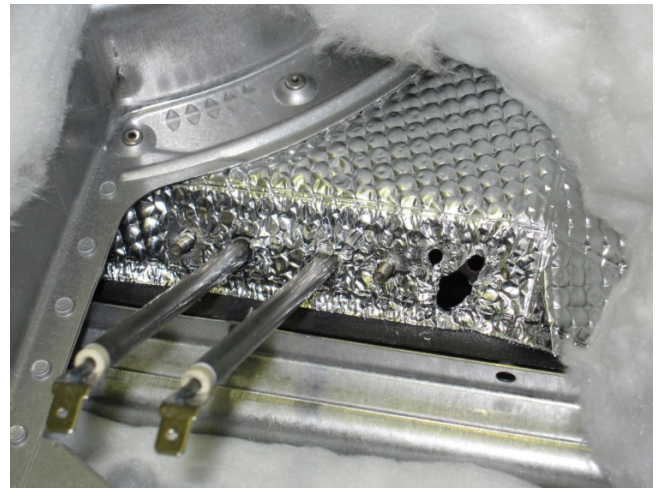
SERVICE INSTRUCTION FOR IMPROVED TIGHTNESS, VALID FOR ALL MICROWAVE COMPACT APPLIANCES, BEGINNIN IN 2005 UNTIL S.N. 2 36 30249

- FAILURE :** The electronic stops working (no operation possible) but remain functional.
A simple power reset can solve the problem.
- REASON :** Microwave leakage inside appliance exceeds maximum allowed value of $2\text{mW}/\text{cm}^2$.
- CAUSE :** Feed through of PT500 temperature sensor not tight.
- PROCEDURE :**
1. Measurement of leakage radiation in the area of the PT500 sensor feed through.
 2. If leakage radiation exceeds $2\text{ mW}/\text{cm}^2$, repair the affected area with the spare part kit no **561 83 15-16/1** (composed by 1x **U-flange** + 1x **flat plate**).
 3. Verify, if microwave leakage radiation is below $2\text{ mW}/\text{cm}^2$.

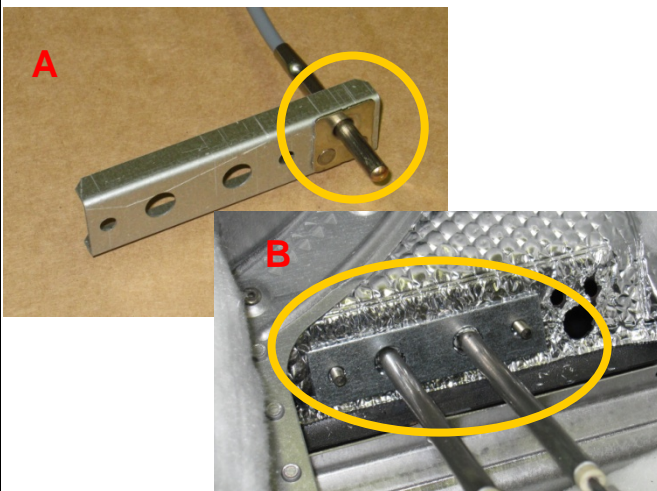
State of origin, white insulation carefully pushed aside.



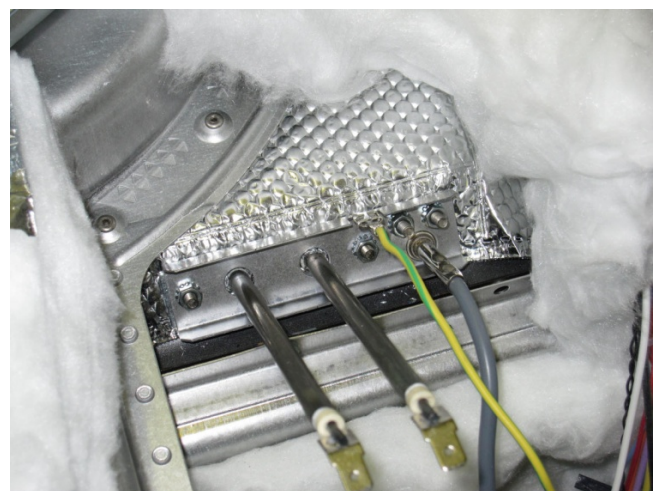
Loosen nuts for L-flange and PT500 sensor (will be used again). Remove L-flange and pull cable of the PT500 sensor carefully through the cavity hole.



Fix the PT500 sensor on the new **U-flange (A)** and place the new **flat plate (B)** over the heater connections on the cavity.

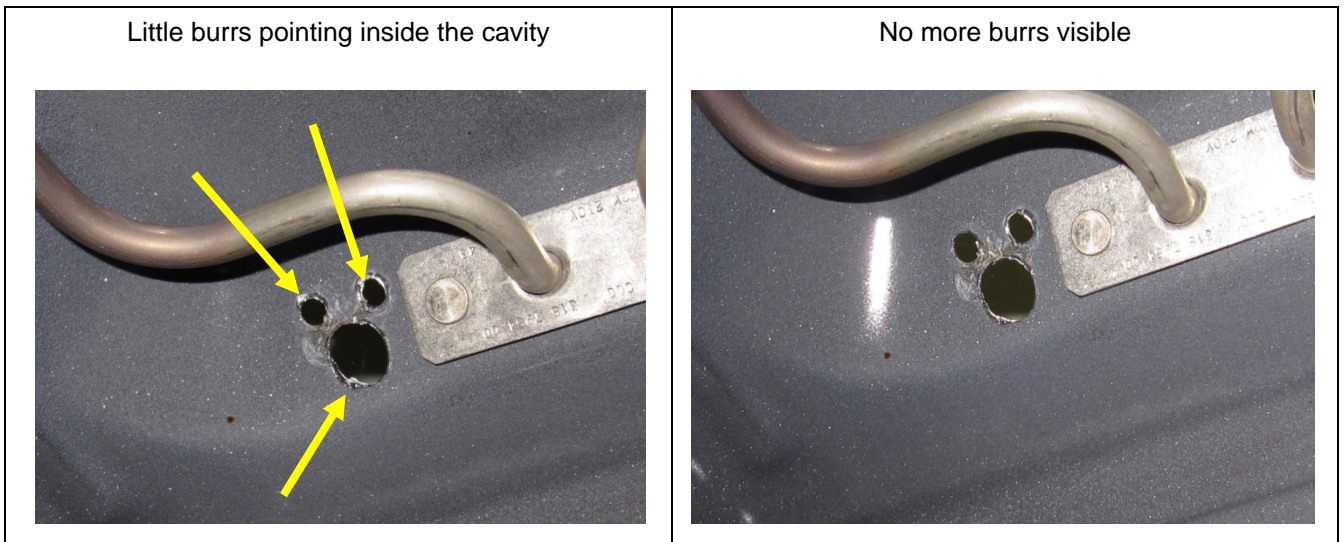


Bring the new **U-flange** with the PT500 Sensor over the heater connections on the cavity and screw it. Important, no overlapping of **flat plate** and PT500 flange is allowed.



IMPORTANCE / ACCURACY

- Prior to the assembly of the new **U-flange**, all remaining leavings of the aluminum gasket, pointing inside the cavity needs to be removed thoroughly. This is to ensure no further discharges on these leavings. As a spare part, the gasket **315 84 31-00/1** is to be used.
- The aluminum gasket needs to be in good shape. No tears, cracks and folding are allowed; otherwise the limit of the microwave radiation will be considerably exceeded.
- During the assembly of the **U-flange**, overlapping of **flat plate** and PT500 flange is absolutely to be avoided. Any overlapping results in considerably exceeded the limits for microwave radiation.



REVISION:

Revision	Date	Description	Author	Approved by - on
00	03/2013	Document Creation	[TEAM] – [GJA] (FV)	