

Open button operation - modification to improve reliability.

SUBJECT: Potential flickering problems

MODELS:

947604014	947604051	947604190	947604317	947608208	947608388	947608467	947608503
947604015	947604052	947604191	947604318	947608209	947608400	947608468	947608563
947604016	947604054	947604192	947604319	947608210	947608404	947608469	947608564
947604018	947604055	947604193	947608178	947608221	947608408	947608470	947608565
947604019	947604137	947604206	947608179	947608222	947608409	947608471	947608566
947604020	947604178	947604207	947608180	947608229	947608411	947608472	947608567
947604021	947604179	947604208	947608182	947608314	947608412	947608484	947608590
947604023	947604180	947604209	947608183	947608315	947608426	947608485	947608591
947604024	947604182	947604210	947608184	947608316	947608427	947608486	947608594
947604025	947604183	947604221	947608185	947608317	947608458	947608487	947608628
947604026	947604184	947604222	947608187	947608318	947608460	947608498	947608630
947604027	947604185	947604229	947608188	947608319	947608461	947608499	947608637
947604028	947604187	947604314	947608191	947608378	947608462	947608500	
947604029	947604188	947604315	947608206	947608381	947608464	947608501	
947604048	947604189	947604316	947608207	947608382	947608465	947608502	

IMPLEMENTATION DATE: 2013-09-24

General

In certain circumstances the fuse in the above models can blow and stop the operation of the unit.

Phenomenon

If the fuse has blown there will be no power to the unit, no display and no function.

Cause

When the open button is pushed in and released quickly, it causes the open lever to have a slingshot effect upon return, which then bounces the micro switch and blows the fuse.

Field Action

To improve the reliability of the microwave oven a small change has been made to the open button and a new spring has been introduced to avoid unwanted latch movement.

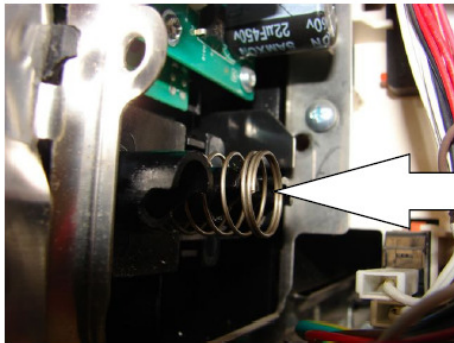
The compression spring that is currently fitted to the above models is to be removed and a torsion spring fitted to the open lever instead.

This will make the operation of the open button and open lever much more consistent and smoother during operation.

The modification to the open button is an addition of material to the rim at the rear of the open button which will restrict the distance of its travel of the open button during operation to avoid the potential risk of the fuse blowing.

Please see the following photographs and instruction for the removal and fitment of the open button and springs.

Photo 1



Remove Compression Spring (No longer required)

Photo 2

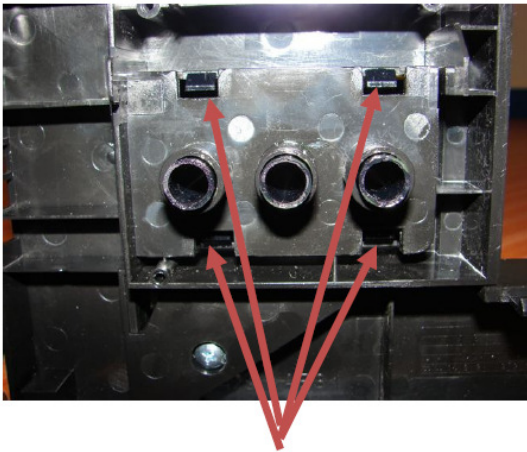
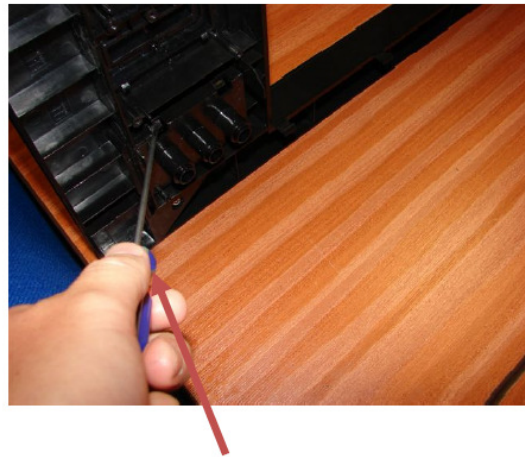


Photo 3



To remove the open button press in the X 4 location lugs as highlighted in photo 2 and photo 3 above. Then push out the button.

Photo 4



Once the open button has been removed, ensure that the replacement button is greased all around each of the 3 posts. Also apply a small amount of grease to each of the 4 location lugs. It is important not to use excessive amount of grease. Failure to grease all around the posts could result in sticking open buttons. Once greased apply the springs to each of the outer posts (See Photo 4). Locate the open button to the frame assembly; gently squeeze the location lugs pushing down into position at the same time. Ensure open button is fitted correctly with the location lugs engaged in the location holes.

Photo 5

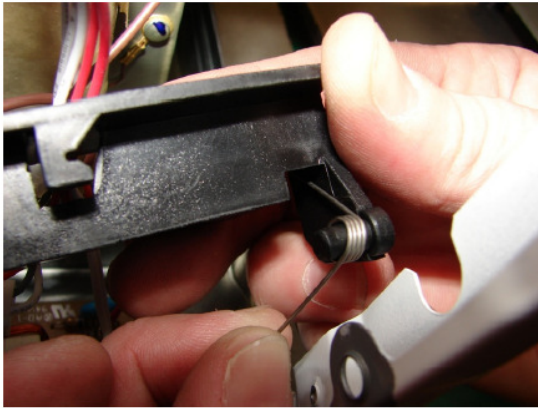


Photo 6

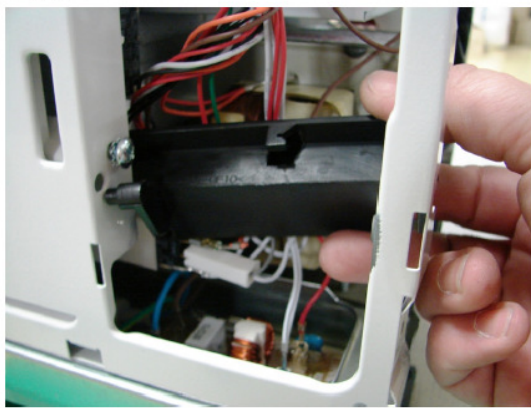


Photo 7

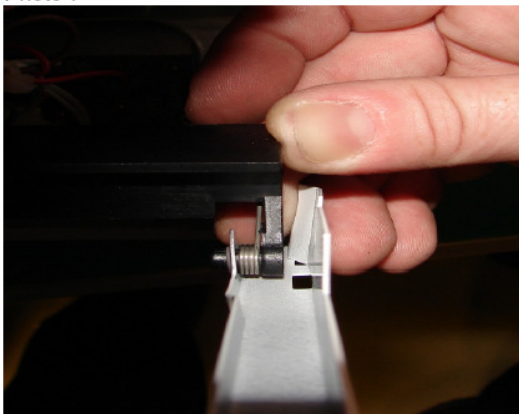
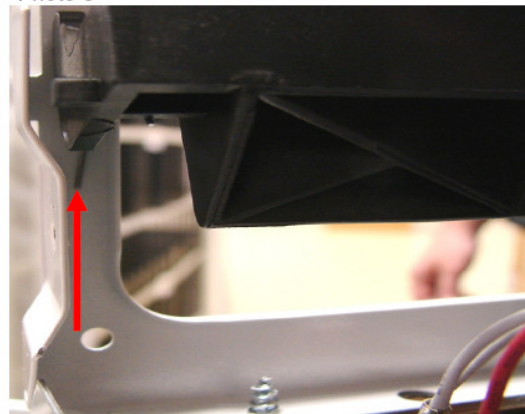


Photo 8



Remove the open lever from the cavity face plate.
 Place the torsion spring onto the post of the open lever and ensure the arm of the spring is located into the recess as shown. (Photo 5)
 Fit the open lever to the oven cavity, by inserting the posts of the lever through the location holes in the lower faceplate angle as shown. (Photo 6 & Photo 7)
 Check Spring is in place (Photo 8)

Spare parts

Interchangeability

A. OLD ↔ NEW B. OLD → NEW C. OLD ← NEW D. OLD X NEW

No.	Ref. No.	Description	Replacement Part No.				Interchangeability	Effective from
			OLD PART No.	Q'ty	NEW PART No.	Q'ty		
1	3-10	Open Button	50282926000	1	4055258661	1	C	Sept '13
2	3-13	Compression Spring	50290629000	1	50290629000	0	B	Sept '13
3	3-13	Torsion Spring	4055258679	0	4055258679	1	D	Sept '13

Revision	Date	Description	Author	Approved by - on
00	10/2013	Document Creation	Blanka Kucharska/ Jan Watson	B.K. 2013-10

No. : TB-M1309101