

SB Number:	SB 2C9-027	Creation Date: 01/12/2005
Subject:	Measure against damaged Roller Heat	
Model:	KM-1620, KM-2020, KM-1650, KM-2050, KM-2550	

Phenomenon

Damage (in the form of cracks) can appear on the trailing edge of Roller Heat (p/n: 2C920051/2FT20011) located in the fuser unit of the machine. This is caused by metal fatigue caused by forces applied by the 'heat roller drive gear' and temperature fluctuations (causing the size of the materials of heat roller drive gear to increase and decrease in size). (There might be a possibility that the fixing heater is damaged as well).

Contents of change

In order to resolve this problem, the Roller Heat has been changed as follows:

The bottom end radius of the 'U shape' cut out has been increased and the edges have been rounded to allow for heat (size) fluctuation and reduce the stress concentration (caused by 'heat roller drive gear'). Please refer to the illustration on page 2 for further detail.

No.	Old parts number	New parts number	Description	Q'ty		Interchangeability		Remarks
				Old	New	Old	New	
1	302C993062 2C993062	302C993063 2C993063	PARTS,FK-410(E),SP	1	1	X	O	KM-1620/2020/ 1650/2050
2	302C993280 2C993280	302C993281 2C993281	PARTS,FK-410(RIY),SP	1	1	X	O	KM-1620/ 2020/ 1650/2050
3	302C920051 2C920051	302C920052 2C920052	+ROLLER HEAT	1	1	X	O	KM-1620/ 2020/ 1650/2050
4	302FT93031 2FT93031	302FT93032 2FT93032	PARTS,FK-420(E),SP	1	1	X	O	KM-2550
5	302FT93130 2FT93130	302FT93131 2FT93131	PARTS,FK-420(RIY),SP	1	1	X	O	KM-2550
6	302FT20011 2FT20011	302HF25010 2HF25010	+ROLLER HEAT	1	1	X	O	KM-2550

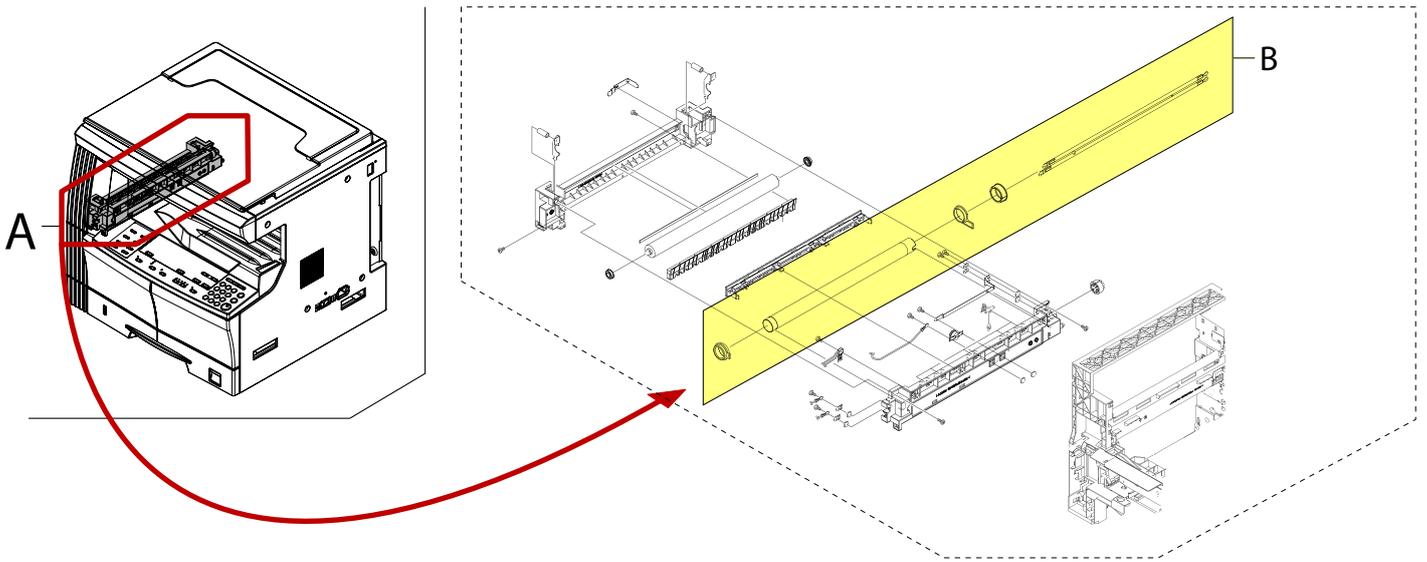
Field Measure:

If the above mentioned phenomenon occurs, please replace +Roller Heat (No. 6/12) or the complete fuser unit: Parts, FK410, SP (which consist of: No. 1-5, 7-11).

Affected machine serial numbers:

From production in December 2005 *

* The above is the plan at the present moment. Please note that there is a possibility of change after giving this information.



- A: Fuser Unit
- B: Trouble area, Roller heat
p/n: 2C920051-2FT20011
- 1: U-shape cut out. The radius
of the U-shaped cut-out has
been increased: R0.5 to R1.5

