

SB Number:	SB 2C9-037	Creation Date: 18/03/2010
Subject:	Changes at the fuser section to prevent damage	
Model:	KM-1620/2020/1650/2050/2550/1635/2035	

In rare cases the fuser unit or even the machine itself may become damaged, depending on the condition of the main and sub-heater, after replacing these parts during maintenance.

Therefore please note the following:

1. Please do not replace the parts mentioned in the table below individually (Including the main and sub heater) instead replace the fuser unit or the heat roller unit.
2. The parts **A** to **I** will therefore no longer be supplied as individual parts.
3. The parts **J** to **N** will still be supplied as individual parts, since they are also used in other models.
4. The heat roller unit has been registered as the following service part:
Parts, fuser right 230 assy SP (Including the main and sub heater)
5. The fuser heater terminals should be able to move between 0.1mm and 0.3mm vertically.
6. The screws of the fuser heater terminals should be properly secured, to ensure that the heater terminals and the conductive plates can not move horizontally.

Parts that should not be replaced individually

No.	Ref No.	Part code	Part name	Qty	Supply
A	3	302C920011/2C920011	RIGHT FRAME FUSER	1	X
B	10	302C920141/2C920141	PLATE HEATER FUSER	1	X
C	17	302C920470/2C920470	HEATER M120 FUSER	1	X
C	17	2C920230	HEATER M120 FUSER	1	X
C	17	302C920490/2C920490	HEATER M230 FUSER	1	X
C	17	2C920250	HEATER M230 FUSER	1	X
C	17	302C920510/2C920510	HEATER M110 FUSER	1	X
C	17	2C920410	HEATER M110 FUSER	1	X
C	17	2FT20060	HEATER M120 FUSER	1	X
C	17	2FT20080	HEATER M230 FUSER	1	X
C	17	302FT20130/2FT20130	HEATER M110 FUSER	1	X
D	18	302C920480/2C920480	HEATER S120 FUSER	1	X
D	18	2C920240	HEATER S120 FUSER	1	X
D	18	302C920500/2C920500	HEATER S230 FUSER	1	X
D	18	2C920260	HEATER S230 FUSER	1	X
D	18	302C920520/2C920520	HEATER S110 FUSER	1	X
D	18	2C920420	HEATER S110 FUSER	1	X
D	18	2FT20070	HEATER S120 FUSER	1	X
D	18	2FT20090	HEATER S230 FUSER	1	X
D	18	302FT20140/2FT20140	HEATER S110 FUSER	1	X
E	19	302C920430/2C920430	THERMISTOR FUSER B	1	X
E	19	2C902310	THERMISTOR FUSER	1	X
F	22	2C920340	THERMOCUT 180 FUSER	1	X

G	23	302C927692/2C927692	WIRE FUSER UNIT	1	X
H	23	302HF46022/2HF46022	WIRE FUSER UNIT	1	X
I	26	302C920052/2C920052	ROLLER HEAT	1	X
I	26	302HF25010/2HF25010	ROLLER HEAT	1	X
I	26	302FT20011 (*1)	ROLLER HEAT	1	X
J	11	2C920150	FRONT BUSH HEAT ROLLER	1	O
K	12	2C920160	REAR BUSH HEAT ROLLER	1	O
L	13	2C920170	GEAR Z38 HEAT ROLLER	1	O
M	14	2C920180	GEAR FUSER Z28	1	O
N	25	5MMS111SL002/2BY20050	NUT FUSER A	6	O

X: No longer supplied individually.

O: Still supplied individually.

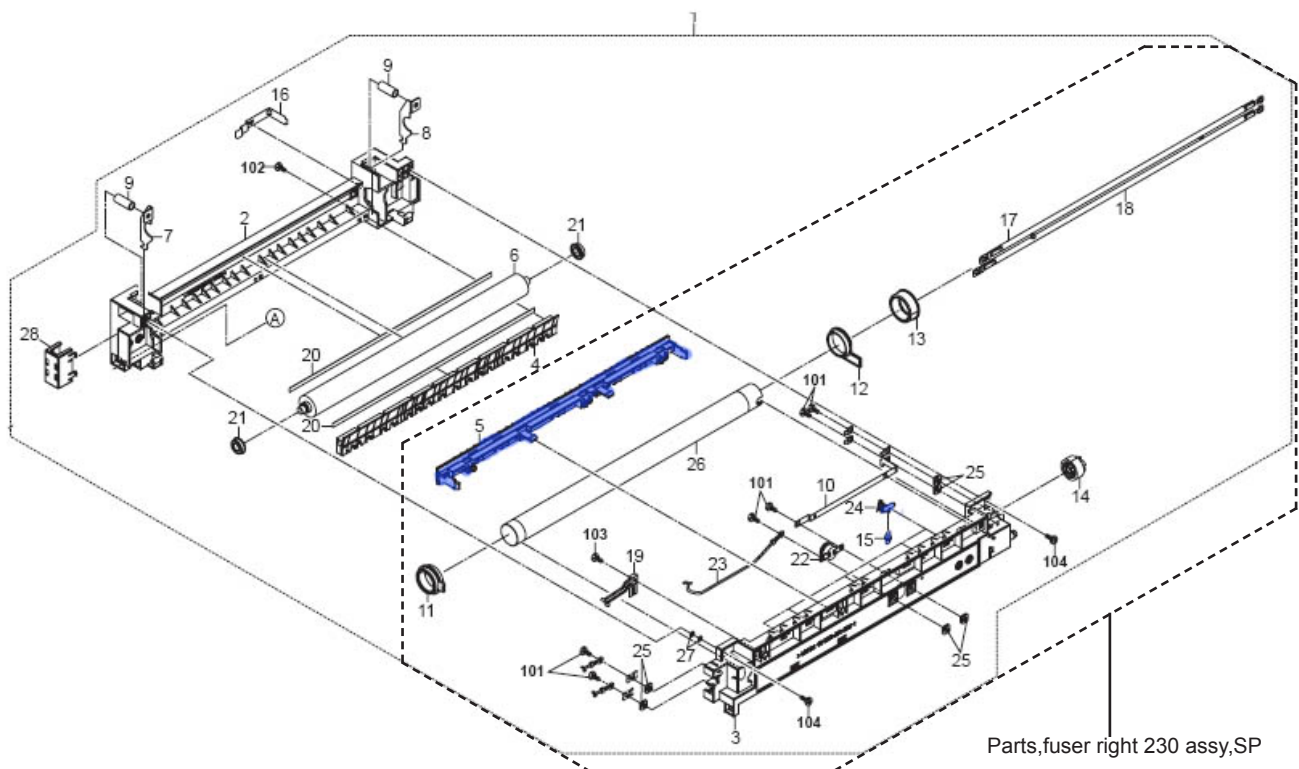
Part notes (*1)

The old roller heat 302FT0011 has been changed to roller heat 302HF25010. (Please see service bulletin 2C9-027 for further details)

Parts

No.	Old Parts No.	New Parts No.	Description	Q'TY		Interchange-ability		SP
				Old	New	Old	New	
1	-----	302C993350 2C993350	PARTS,FUSER RIGHT 120 ASSY,SP (For the KM-1620/2020/1650/2050/1635/2035)	-	1	-	O	O
2	-----	302C993360 2C993360	PARTS,FUSER RIGHT 230 ASSY,SP (For the KM-1620/2020/1650/2050/1635/2035)	-	1	-	O	O
3	-----	302C993380 2C993380	PARTS,FUSER RIGHT 127 ASSY,SP (For the KM-1620/2020/1650/2050/1635/2035)	-	1	-	O	O
4	-----	302FT93160 2FT93160	PARTS,FUSER RIGHT 120 ASSY,SP (For the KM-2550)	-	1	-	O	O
5	-----	302FT93170 2FT93170	PARTS,FUSER RIGHT 230 ASSY,SP (For the KM-2550)	-	1	-	O	O
6	-----	302FT93190 2FT93190	PARTS,FUSER RIGHT 127 ASSY,SP (For the KM-2550)	-	1	-	O	O

Fuser unit (For the KM-2550 only.)



The following parts may be replaced individually, since the main heater and sub heater are not included:

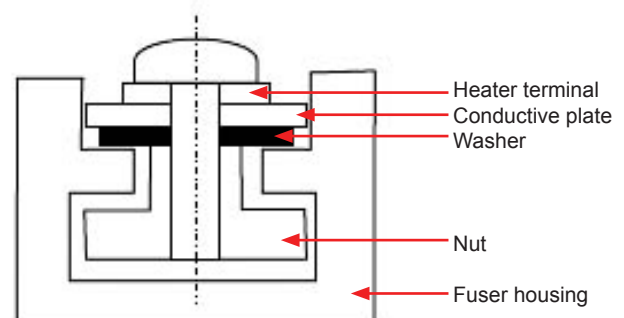
- 5:** Rear guide fuser 2C920030 (1 piece)
- 15:** Spring separator 2FT20110 (5 pieces)
- 24:** Separator assy B 302FT20160 (5 pieces)

Please note the following before checking the status of the fuser heater terminals and the screws:

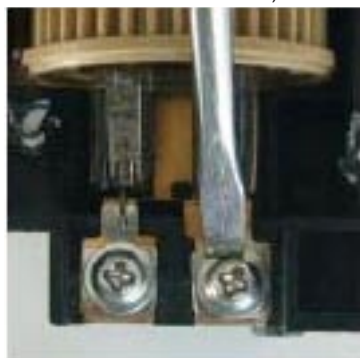
1. Perform a test copy to check the condition of the fuser unit.
2. Be aware that the fuser unit surface has a high temperature after operating.

(The following checking points should especially be performed, when the heat roller, main heater and/or sub heater have been replaced in the past.)

Use a flat head screw driver to check the vertical movement between the fuser heater terminals and the gap of the fuser housing. The vertical movement range should be between 0.1mm and 0.3mm. If the terminals can not be moved, this will be considered as a fault and the fuser unit should be replaced.



Check if the screws of the fuser heater terminals are properly secured from all sides of the screws. (Do not rotate the screws and prevent contact with the heater bulb.)



The heater terminal and conductive plates may move horizontally, when the screws are not secured properly.

