

SB Number:	SB 2GR-018	Creation Date: 05/11/2008
Subject:	Prevent black spots from appearing on print-outs	
Model:	KM-3050/4050/5050	

Phenomenon	Black spots appear on print-outs.
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Cause	The developing bias from the HVU to the drum unit becomes unstable when the environment and the machine temperature become too high, resulting in excess toner on the drum surface.
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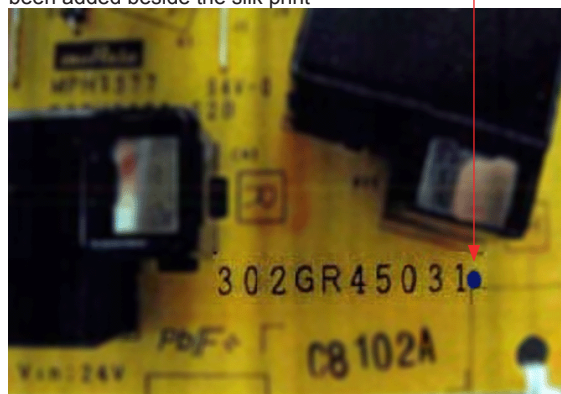
Solution	<p>The temperature range of capacitor C0205 on the HVU has been increased. There are two ways in which the HVU has been changed:</p> <ol style="list-style-type: none"> 1. The new HVU (302GR45032) is manufactured with the new type capacitor installed. 2. The older model HVU has been modified manually to achieve the same results; a blue mark has been added beside the silk print to recognize if the HVU has been modified.
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Parts	No.	Old Parts No.	New Parts No.	Description	Q'TY		Interchangeability		SP
					Old	New	Old	New	
	1	302GR45031 2GR45031	302GR45032 2GR45032	HVU	1	1	X	O	O

Below shows a sample of black spots on the print-out



Recognizing a manually modified HVU; a **blue mark** has been added beside the silk print



Classification	<input type="checkbox"/> Entire stock rework <input type="checkbox"/> In-field modification at next visit <input checked="" type="checkbox"/> In-field modification by case <input type="checkbox"/> No modification necessary
Field measure	When the above mentioned phenomenon occurs, replace the HVU with a new type.

Affected serial numbers	Type	Serial number
	KM-3050	PAH8217500 and higher
	KM-4050/5050	Not available