

<b>SB Number:</b>	<b>SB 2HP-015</b>	<b>Creation Date: 14/01/2009</b>
<b>Subject:</b>	<b>Background/toner contamination occurs</b>	
<b>Model:</b>	<b>FS-C8100DN</b>	

<b>Phenomenon</b>	Toner contamination (scattered toner in the machine) or back ground on the image may occur when printing high coverage prints (high resolution images etc.), on a machine which only has been used to print low coverage prints (characters, tables etc.).
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<b>Cause</b>	When printing low density images toner in the developing unit gets overcharged as a result the printed image will have a lower density. This lower density is detected and toner will be fed to the developing unit and as a result there is too much toner in the developing unit.
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<b>Solution</b>	<p>Lower the standard 20% print coverage threshold with 2 to 3% so the calibration will be performed more often. Follow below mentioned steps to lower the threshold:</p> <ol style="list-style-type: none"> <li>1. Execute maintenance mode U464 (Set ID adjustment mode)</li> <li>2. Select "Set Custom Mode" and select "ON".</li> <li>3. Select "Change timing during print".</li> <li>4. Lower the value in "ADJUST DATA" from 20% (default value) to 17%. (This value will be the print coverage ratio of threshold that the machine recognizes as a high print coverage ratio).</li> <li>5. Exit the maintenance mode, press the "System Menu/Counter" button and select "Machine Default".</li> <li>6. Select "Calibration" and press "Change #" button to select "Custom".</li> </ol>
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