

<b>SB Number:</b>	<b>SB 2HP-005</b>	<b>Creation Date:</b> 19/03/2008
<b>Subject:</b>	<b>MEASURE: cleaning failure, pinholes in drumsurface (changed cleaning section)</b>	
<b>Model:</b>	<b>FS-C8100DN</b>	

When continuously printing in B&W while the the color print ratio is below manufacturer specification; residual toner stays in the color (M/C/Y) drum cleaning section because of T7 control (colour toner ejection operation). This can result in a cleaning failure. As a result of that, there are cases known where black lines or offset images appear, or black spots may appear caused by pinholes in the drum surface. Therefore, changes are made as follows.

## CONTENTS OF CHANGES:

- 1) For a smoother residual toner flow, 2 springs were added to break the mass of the disposed toner inside the drum cleaning section (basically this will help prevent clogging)
- 2) Because T7 control is changed, the MAIN/ENGINE/LANGUAGE firmware has been changed as follows:
  - At every third color toner ejection, a 30mm color toner band is transferred to the transfer belt.
  - The Interval for color toner ejection is changed from every 150 prints to every B&W print drive time (70s/140s/210s/280s/350s/420s:Default is 420 seconds).

This is newly added to, and can be changed in, maintenance mode U147.

Latest firmware as of June 2007			
Type	Program No.	Check SUM	Version
MAIN	2HP_3000.004.001	EDEB	004.001
ENGINE	2HP_1000.008.001	CC9A	008.001

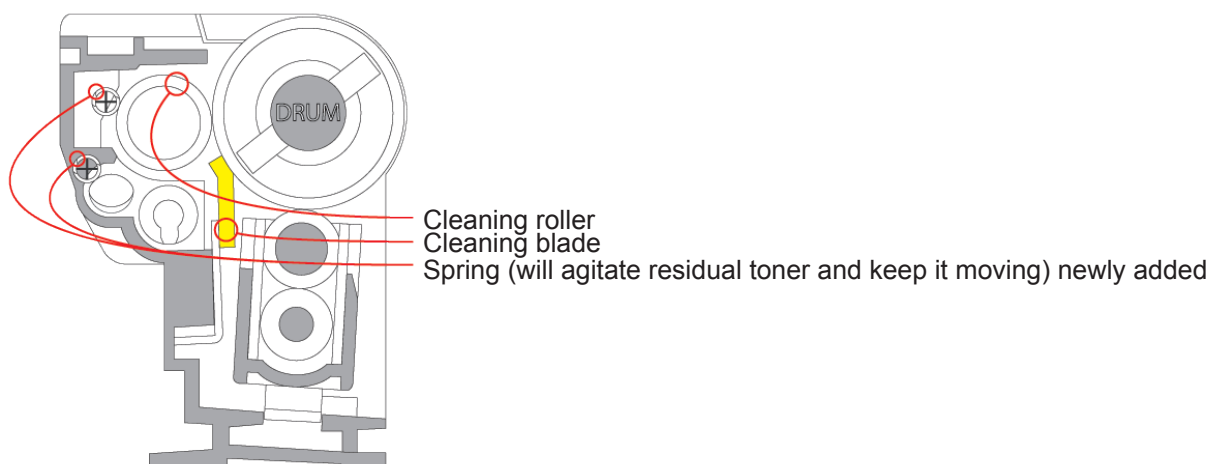
\* When performing U147, please use API program data Ver. VP-MM17.

No.	Old Parts No.	New Parts No.	Description	Q'ty		Interchange ability	
				Old	New	Old	New
1	302HP93030 2HP93030	302HP93031 2HP93031	PARTS DK-821(PR)	4	4	X	O

## Field Measure:

When the above-mentioned phenomena occurs, please perform below 1, 2 at the same time.

- 1) Replace the drum unit (No.1, 2) with new;
- 2) Upgrade the MAIN/ENGINE firmware to the latest versions.



Drum unit production number
KSR7402372
Affected machine serial number
ALX7301395