

SB Number:	SB 2C9-018	Creation Date: 07/02/2005
Subject:	Leak from reset IC on 'PCB REGISTRATION ASSY' (J40/41)	
Model:	KM-1620 / 2020	

Phenomenon & Cause

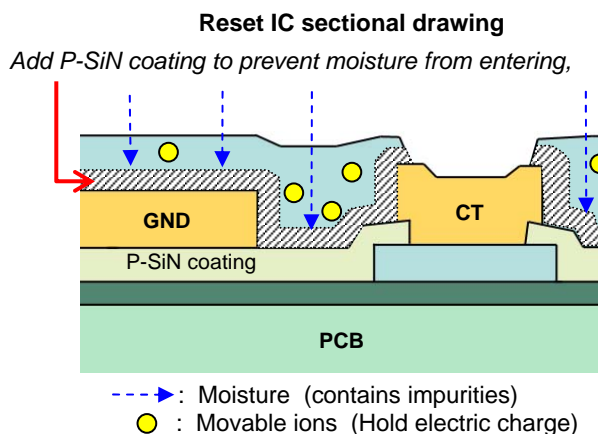
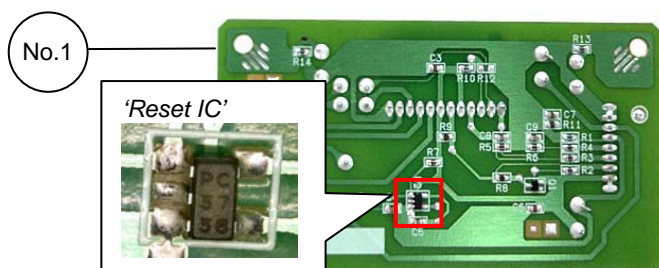
In a high humidity environment, the reset IC mounted on the '**PCB REGISTRATION ASSY**' may take in moisture which might cause the CT pin inside the reset IC to leak to the GND. If this leaking occurs, no output is produced from the reset IC. As a result, the registration motor may not properly rotate and paper jam (J40, J41) may occur at the registration section.

Countermeasure

A high water-resistant P-SiN coating has been added to the reset IC on '**PCB REGISTRATION ASSY**'. The same coating has been added to the reset IC which is mounted to the '**PCB ENGINE ASSY SP**'.

Field Measure

If the phenomenon arises, please replace the old with the new '**PCB REGISTRATION ASSY**' (No.1).



The distinction method between old and new 'Reset IC':

Please check the Lot No. described on 'Reset IC':

OLD: before PC44xx

NEW: PC45xx and later

Parts Table

No	Part No. OLD	Part No. NEW	Description	Q'ty		Interchange ability		Remarks
				Old	New			
1	2C901190	302C901191 2C901191	PCB REGISTRATION ASSY	1	1	X	O	KM-1620 / 2020
2	2C968182	302C968183 2C968183	PCB ENGINE ASSY SP	1	1	O	O	KM-1620
3	2FX68010	302FX68011 2FX68011	PCB ENGINE ASSY SP	1	1	O	O	KM-2020

Affected Machine Serial Numbers:

KM-1620: H3110395 and later

KM-2020: V3019288 and later