

SB Number:	<b>SB 2BJ-027</b>	Creation Date: <b>26/11/2003</b>
Subject:	Actuator does not go back (change 'SWITCH, BYPASS SIZE DETECTION')	
Model:	<b>KM-2530 / 3530 / 4030, FS-9100DN / 9500DN</b>	

## Phenomenon & Cause

If the angle of the bypass table comes close to horizontal condition, the '**SWITCH, BYPASS SIZE DETECTION**' might not be able to restore (spring back) due to its weight, even when the final paper is fed. As a result, the machine tries to feed paper even though no paper exists and the 'no paper feed' phenomenon may arise.

## Countermeasure

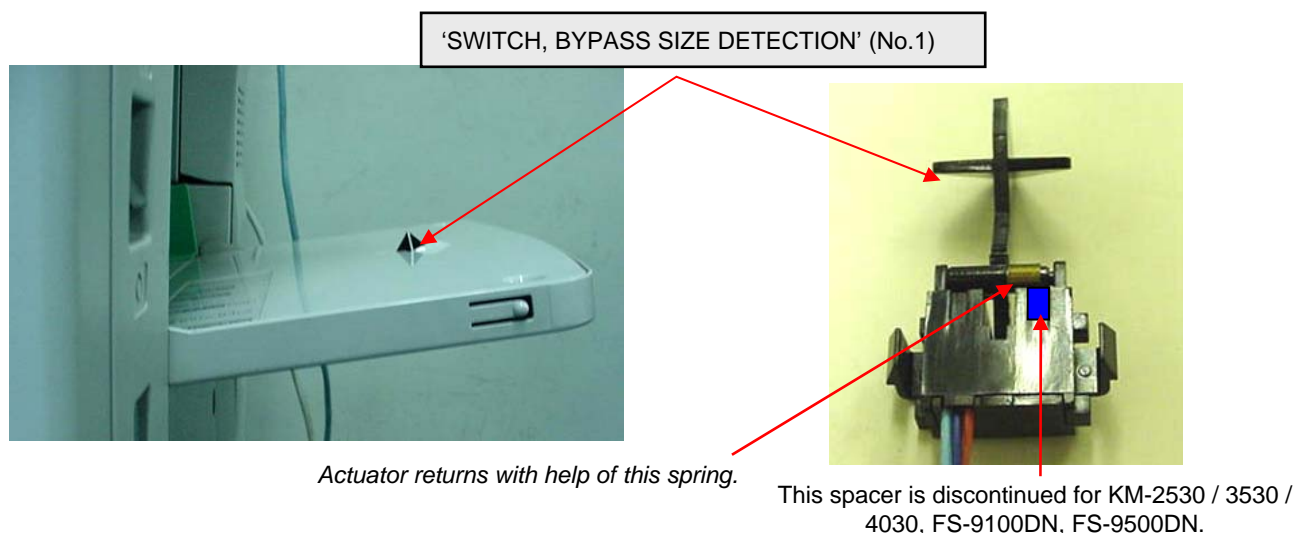
The lower limit of the spring starter torque on the actuator part of 'SWITCH, BYPASS SIZE DETECTION' has been increased to improve the ability to recover.

## Contents of changes

- Spring starter torque has been changed as follows:  
**OLD:** 0.09 mN • m or less → **NEW:** from 0.05 mN • m to 0.09mN • m
- The colour of the connector for 'SWITCH, BYPASS SIZE DETECTION' has been changed from white (old) to **red** (new), to make a distinction between the old and new part.
- As for KM-2530 / 3530 / 4030, FS-9100DN and FS-9500DN, as a temporary measure, a piece of spacer (10 x 5 mm. t=0.125) was attached to the old switch in order to increase the spring pressure. With this permanent measure, this spacer has been discontinued.

## Field Measure:

If the phenomenon should arise, please replace old part no. 1 with the new part.



No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange-ability	
1	33906990	2CJ06260	SWITCH, BYPASS SIZE DETECTION	1	1	X	O

The part number for 'BYPASS TABLE ASS'Y' (P/N: 2CJ00390 / 2CJ0040) and 'BYPASS UNIT' (P/N: 2BL93430 / 2BL93440) has not changed.