

SB Number:	SB DP-023	Creation Date: 04/08/2009
Subject:	Double feeding of originals	
Model:	DP-670	

Affected models	KM-2560/3060/2540/3040
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Phenomenon	Double original feeding may occur.
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Cause	The originals can not be separated properly at the separation pad section.
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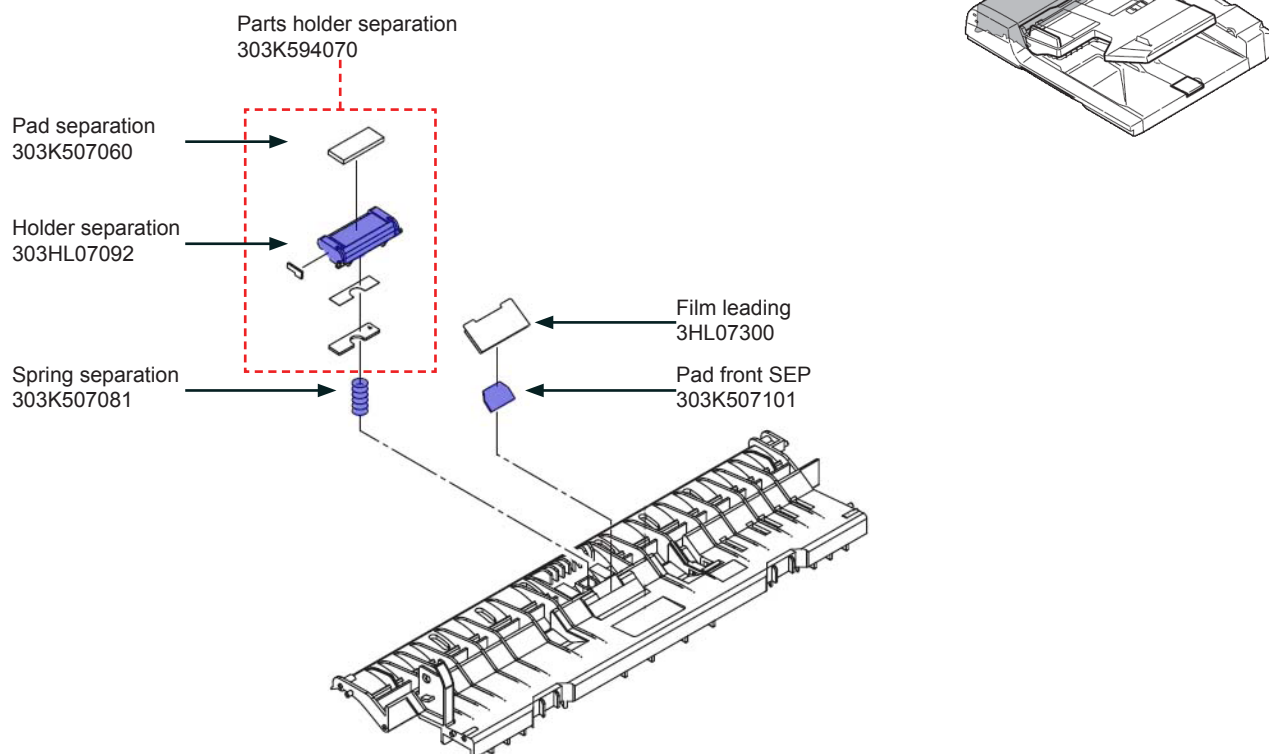
Solution	<p>The following changes have been made:</p> <ol style="list-style-type: none"> 1. The pressure of spring separation 303K50781 has been increased. 2. The dimensions of pad front sep 303K507101 has been changed. 3. To prevent the holder separation 303HL07092 from disengaging, the length of the boss at the front side has been increased. 4. Items 5 to 9 are available as an assembly, parts holder separation 303K594070. 5. Items 2 to 4 are available as an assembly, parts separation set SP 303K594080.
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Parts	No.	Old Parts No.	New Parts No.	Description	Q'TY		Interchangeability		SP
					Old	New	Old	New	
	1	-----	303K594080 303K59408	PARTS SEPARATION SET SP	-	1	-	O	-
	2	303K507080 3K507080	303K507081 3K507081	+SPRING SEPARATION	1	1	O	X	-
	3	303K507100 3K507100	303K507101 3K507101	+PAD FRONT SEP	1	1	O	O	O
	4	-----	303K594070 3K594070	+PARTS HOLDER SEPARATION	-	1	-	O	O
	5	-----	303K507060 3K507060	++PAD SEPARATION	-	1	-	O	O
	6	-----	3HL07411	++ WEIGHT PAD	-	1	-	O	-
	7	-----	3HL07421	++TAPE WEIGHT	-	1	-	O	-
	8	-----	3HL07450	++CUSHION SEPARATION	-	1	-	O	-
	9	3HL07091	303HL07092 3HL07092	++ HOLDER SEPARATION	1	1	X	O	-

Classification	<input type="checkbox"/> Entire stock rework	<input checked="" type="checkbox"/> In-field modification at next visit	<input type="checkbox"/> In-field modification by case	<input type="checkbox"/> No modification necessary
Field measure	When the above mentioned phenomenon occurs, please replace the mentioned parts with new parts. (Please use parts holder separation 303K594070, spring separation 303K507081 and pad front sep 303K507101).			

Affected serial numbers	Type	Serial number
	DP-670 (200 volt)	QBF9221458 and higher
	DP-670 (120 volt)	Not available

Fig. 3 Paper feed section of the DP-670 parts list (Please note that all the blue marked parts have been changed).



Item 1; Specifications of the new spring separation 303K507081



Old condition (spring separation 303K507080)

Available number of turns: 6 turns
Total number of turns: 8 turns
Load at installation: 5.5N
Natural length: 23mm
Colour: Silver

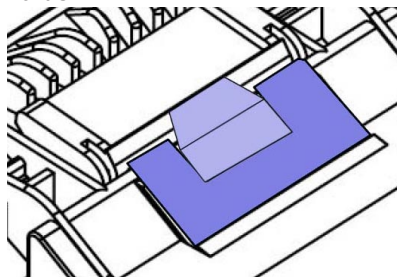


New condition (spring separation 303K507081)

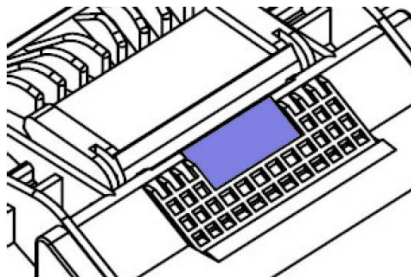
Available number of turns: 8.4 turns
Total number of turns: 10.4 turns
Load at installation: 6.5N
Natural length: 25mm
Colour: Dark gray

Item 2; Attaching the pad front SEP 303K507101

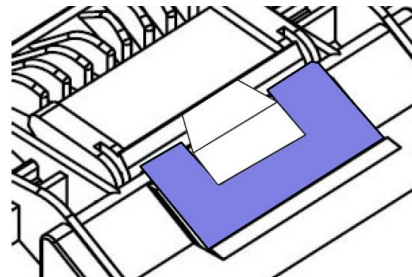
Remove the film leading and old pad front SEP



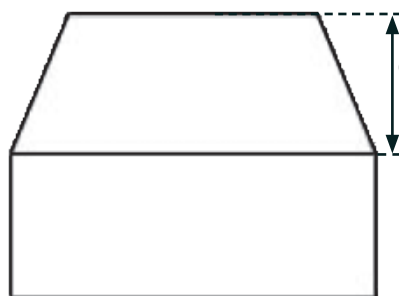
Attach the pad front SEP 303K507101



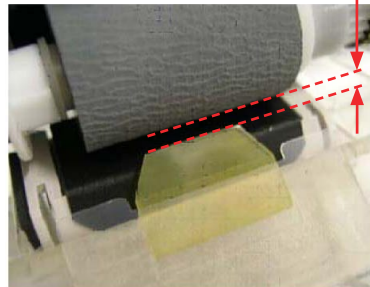
Attach the film leading 3HL07300



Pad front SEP specifications

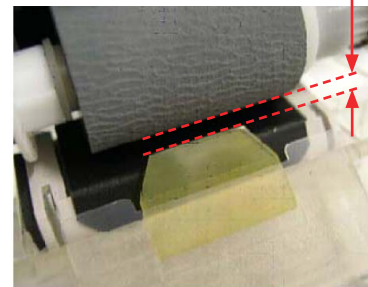


Old condition



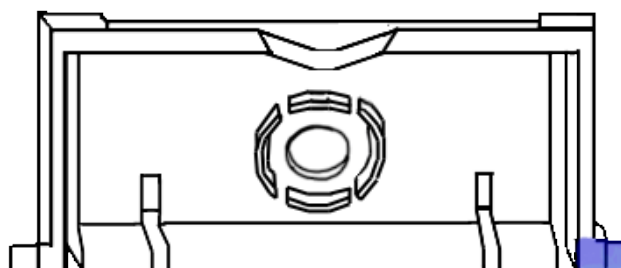
4.2mm

New condition



1.7mm to 2.2mm

Item 3; Holder separator 303HL07092 specifications (view from the bottom)



Old: 2mm
New: 3.5mm