

<b>SB Number:</b>	<b>SB 2GR-024</b>	<b>Creation Date: 12/01/2010</b>
<b>Subject:</b>	<b>Damage to the pulley feed shift due to heat from the fuser unit</b>	
<b>Model:</b>	<b>KM-3050/4050/5050</b>	

<b>Phenomenon</b>	The material of the <b>pulley feed shift</b> 2BL21330 may deteriorate.
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<b>Cause</b>	This is due to vapor emanating from the flame retardant material of the <b>guide feed shift L</b> and <b>guide exit LT</b> , caused by the heat of the fuser unit.
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<b>Solution</b>	<p>The following changes have been made:</p> <ol style="list-style-type: none"> <li>1. The material of the <b>pulley feed shift</b> has been changed from <b>POM</b> to <b>ETFE</b>, which has higher resistance against chemicals and heat.</li> <li>2. The material of the <b>guide feed shift L</b> and <b>guide exit LT</b> has been changed from <b>Hyperlite3401NH</b> (modified PET resin) to <b>EMC-130C</b> (reinforced PET resin).</li> </ol>
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Parts	No.	Old Parts No.	New Parts No.	Description	Q'TY		Interchangeability		SP
					Old	New	Old	New	
	1	302GR93334 2GR93334	302GR93336 2GR93336	PARTS LEFT COVER MIDDLE ASSY	1	1	X	O	O
	2	-----	302GR93960 2GR93960	REPLACEMENT FOR EXIT SECTION(E)	-	1	-	O	-
	3	302G194072 2G194072	302G194074 2G194074	SK-710	1	1	X	O	O
	4	302GR93183 2GR93183	302GR93185 2GR93185	+PARTS REAR GUIDE FUSER UNIT	1	1	X	O	O
	5	2BL21330	302GR28150 2GR28150	++PULLEY FEED SHIFT	4	4	X	O	O
	6	302GR28040 2GR28040	302GR28041 2GR28041	++GUIDE FEED SHIFT L	1	1	X	O	-
	7	302GR28032 2GR28032	302GR28160 2GR28160	++GUIDE EXIT LT	1	1	X	O	-

<b>Classification</b>	<input type="checkbox"/> Entire stock rework <input type="checkbox"/> In-field modification at next visit <input checked="" type="checkbox"/> In-field modification by case <input type="checkbox"/> No modification necessary
<b>Field measure</b>	<p>When the above mentioned phenomenon occurs, please replace <b>guide feed shift L</b>, <b>guide exit LT</b> and <b>pulley feed shift</b> with the latest types.</p> <p>Replace all 4 pulleys at the same time.</p>

## Serial numbers of affected machines

Type	Serial number	Part
KM-3050	PAH8217500	Pulley feed shift 302GR28150
	PAH8318789	Guide feed shift L 302GR28041, guide exit LT 302GR28160
KM-4050	PAJ8206435	Pulley feed shift 302GR28150
	PAJ8407248	Guide feed shift L 302GR28041, guide exit LT 302GR28160
KM-5050	PAK8307047	Pulley feed shift 302GR28150
	PAK8308086	Guide feed shift L 302GR28041, guide exit LT 302GR28160

Machines produced after the above mentioned serial numbers, should not have the above mentioned phenomenon.

**Phenomenon;** Pulley feed shift may damage due to the heat generated by the fuser unit



Pulley feed shift

**Solution;** Replace guide feed shift L, guide exit L and the pulley's feed shift with the latest types

