

## Service Bulletin

<b>SB Number:</b>	<b>SB 2BJ-037</b>	<b>Creation Date:</b> 22/06/2004
<b>Subject:</b>	No paper feeding bypass tray (bypass drive belt worn)	
<b>Model:</b>	KM-2530 / 3530 / 4030, FS-9100DN, FS-9500DN	

### Phenomenon & Cause

The '**BELT DRIVE MPF**' (P/N: 2BL22400), that drives the bypass tray might come in contact with the edge of the '**GEAR Z41S-P15**' (P/N: 2BL22530) and may thereby wear. As a result, the drive belt is not able to convey the drive properly and a 'no paper feeding' jam may occur from the bypass tray.

### Countermeasure

In order to prevent the '**BELT DRIVE MPF**' from being moved to the back side of machine and consequently getting in contact with the 'Gear Z41S-P15', the '**COLLAR BYPASS BELT**' (No.1) and '**COLLAR BELT**' (No.2) has been added to the shaft on both drive side and driven side.

### Field action

If the phenomenon should arise, please replace the current '**BELT DRIVE MPF**' with the new part and additionally attach the new '**COLLAR BYPASS BELT**' (No.1) and '**COLLAR BELT**' (No.2).

### Parts Table

No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange ability	
1	-----	302FG22110 2FG22110	COLLAR BYPASS BELT	-	1	-	O
2	2BL22580	2BL22580	COLLAR BELT	4	5	O	O

### Affected Machine Serial Numbers:

**KM-2530:** H3085059 and later

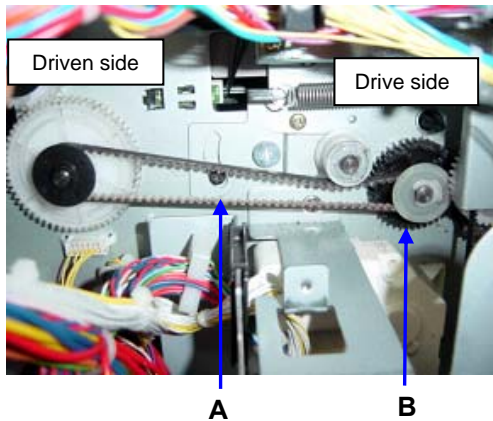
**KM-3530:** J3055697 and later

**KM-4030:** next production

**FS-9100DN/9500DN:** next production

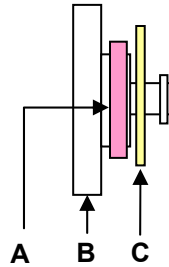
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## View from the rear side of machine

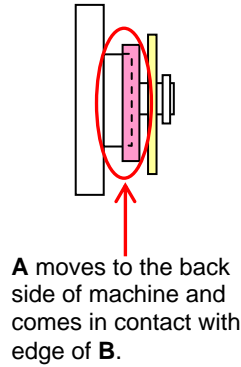


## Drive side sectional drawing

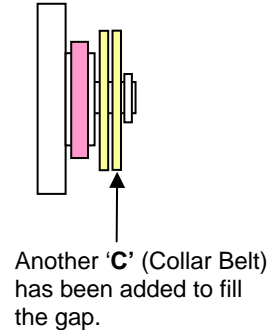
OLD OK condition



OLD NG condition

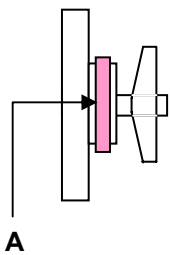


NEW 'COLLAR BELT' added

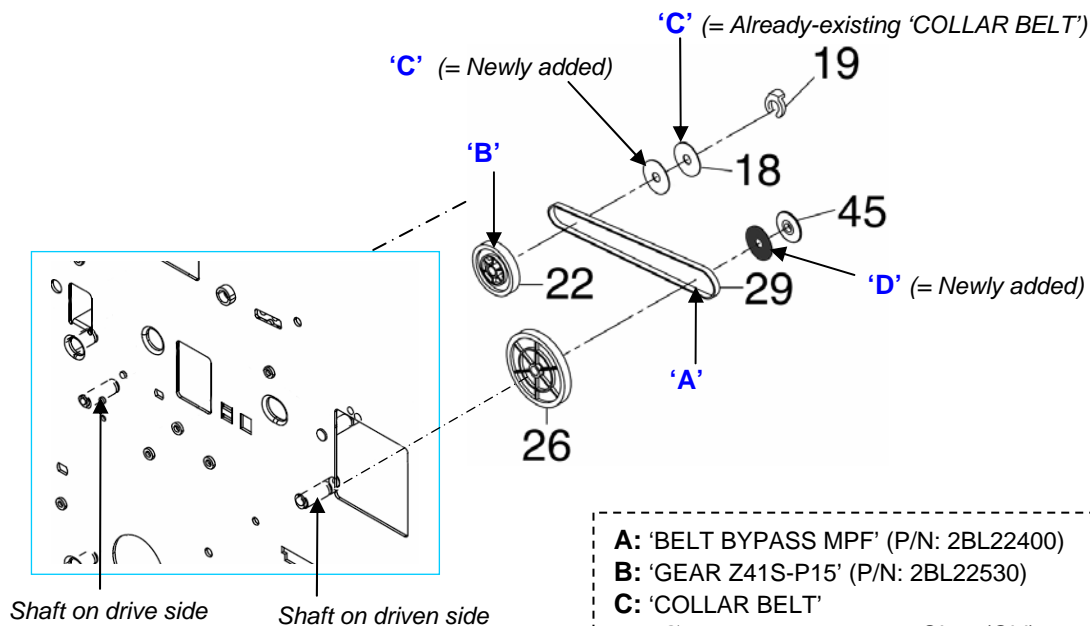
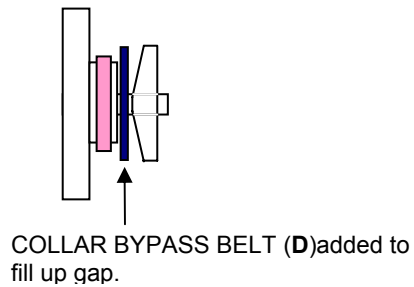


## Driven side sectional drawing

OLD



NEW 'COLLAR BYPASS BELT' added



- A:** 'BELT BYPASS MPF' (P/N: 2BL22400)
- B:** 'GEAR Z41S-P15' (P/N: 2BL22530)
- C:** 'COLLAR BELT'  
 $\varnothing$  22mm, t=0.5mm Q'ty: (Old) 1  $\rightarrow$  (New) 2
- D:** 'COLLAR BYPASS BELT'  
 $\varnothing$  22mm, t=0.25mm

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## Permanent Measure

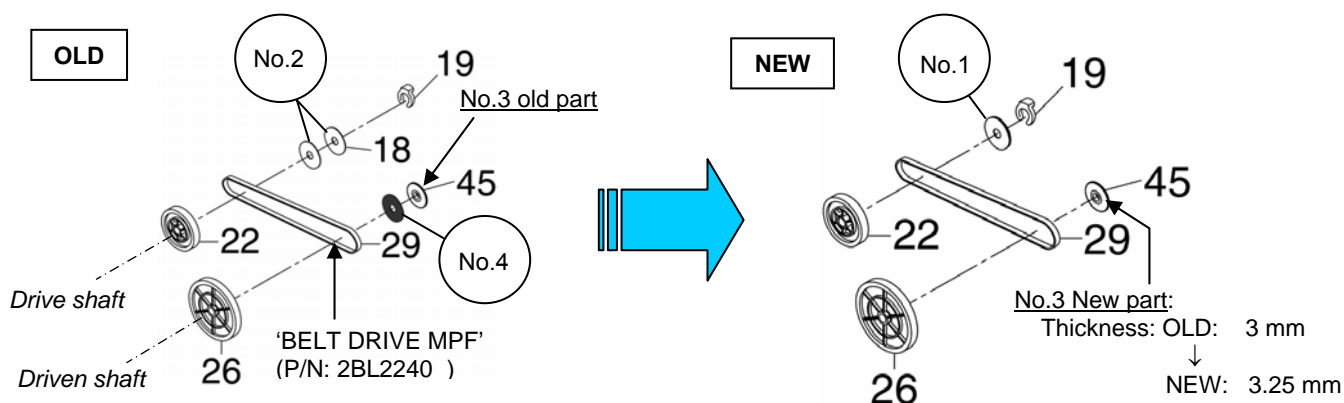
### CONTENTS OF CHANGES

#### Drive side

The 2 sheets of 'COLLAR BELT' (No.2) (t=0.5) have been changed to 1 sheet of 'COLLAR BELT DRIVE' (No.1) (t=1.0)

#### Driven side

Change 'COLLAR BYPASS BELT' (No.4) (t=0.25) to new 'PULLEY MPF DRIVE' (No.3). (The thickness of new 'PULLEY MPF DRIVE' is increased with 0.25 mm. compared to old 'PULLEY MPF DRIVE'.)



No	Part No. OLD	Part No. NEW	Description	Q'ty Old	Q'ty New	Interchange ability	Remarks
1	-----	302FG22120 2FG22120	COLLAR BELT DRIVE	-	1	- O	Drive side
2	2BL22580	2BL22580	COLLAR BELT	5	3	O O	Drive side
3	2BL22390	302BL22391 2BL22391	PULLEY MPF DRIVE	1	1	X O	Driven side
4	302FG22110 2FG22110	-----	COLLAR BYPASS BELT	1	-	X -	Driven side

#### Field Measure

When attaching new part No.1 and part No.3 to a machine that has already been modified according to the temporary measure (see page 1/2), please remove the current 'COLLAR BELT' (No.2) and 'COLLAR BYPASS BELT' (No.4).

#### Affected Machine Serial Numbers:

**KM-2530:** H3089523 and later  
**KM-3530/4030:** from next production