

Subject	Corrective measure for the abnormal noise during the secondary paper feed		
Model	TASKalfa 2200		
Classification	Field measure timing:	Next visit/Service call	
	Problem:	Except SC/Error, Paper Feeding/Conveying, Image and Machine operation	
	Type of change:	Hardware	

[Problem] (Details on Page 2)

If the low grade paper that has a lot of paper dust is used, the surface of the switchback roller may prematurely become worn. Depending on the wear condition, the switchback roller may fail to be driven and stop as the nip pressure between the paper feed roller and the switchback roller in the primary paper feed section is decreased at the secondary paper feed operation. In this case, abnormal noise may be generated due to the friction between the rubber part of the switchback roller and the paper.

[Content of changes]

- 1) Add a reinforcing plate on the top face of FRAME FEED UP (No. 2) to increase stiffness preventing the paper feed roller position from moving upward (to the direction the nip pressure becomes weakened).
- 2) Eliminate the CUSHION (No. 3) applied to the bottom of the GUIDE FEED REGIST (upper side of FRAME FEED UP) as it become unnecessary after this change.

[Primary paper feed unit (No. 1) – Top face] (Old)



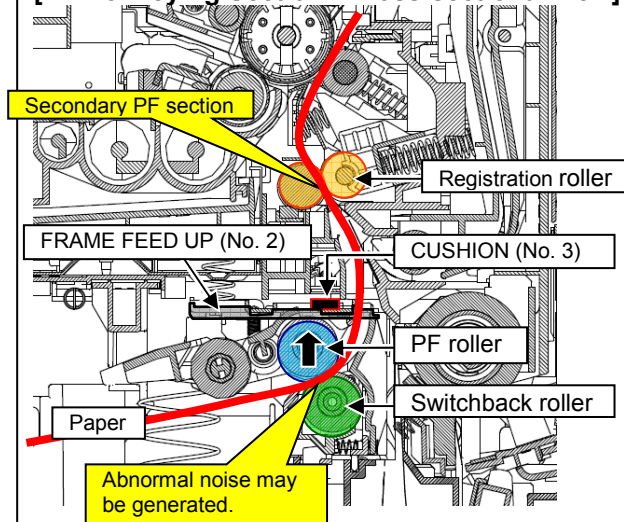
(New)



New FRAME FEED UP
(No. 1)

Newly added
reinforcing plate

[PF/Conveying Section –Cross-sectional view]



No.	Old P/N	New P/N	Description	Q'ty		Intch		Remarks
				Old	New	Old	New	
1	302NG94020 2NG94020	302NG94021 2NG94021	PARTS PRIMARY FEED ASSY SP	1	1	X	O	
2	302NG06010 2NG06010	302NG06011 2NG06011	+FRAME FEED UP	1	1	X	O	
3	302NG24640 2NG24640	-----	CUSHION GUIDE FEED	1	-	O	-	

Part marked with the [+] sign is component part.

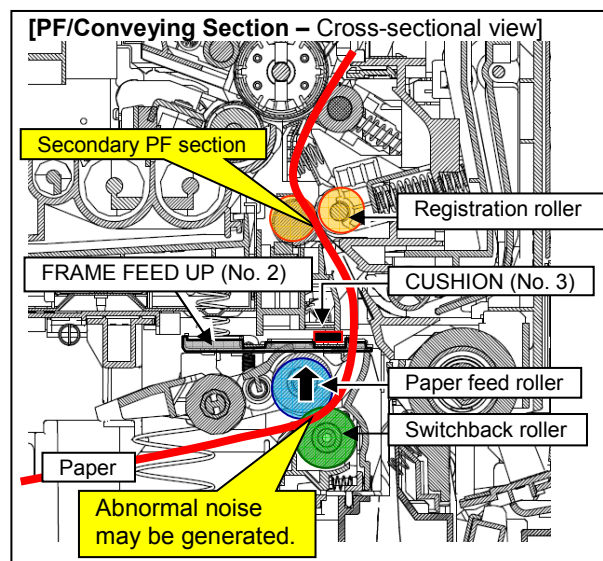
Field Measure	If the problem occurs, please replace with new FRAME FEED UP (No. 2). (When doing this, it is not necessary to peel the CUSHION (No. 3).)
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Details on problem and background of change

During the secondary paper feed operation, as the registration roller takes up the paper, the paper feed roller in the primary paper feed section is lifted together, causing the weaker nip pressure to occur between the paper feed roller and switchback roller.

A CUSHION (No. 3) has been applied to the bottom of the GUIDE FEED REGIST over the PF roller from initial mass production so the position of the PF roller does not move upward as much. The FRAME FEED UP (No. 2) is changed this time to secure the proper nip pressure in cases where the surface of switchback roller becomes worn prematurely when the low grade paper is used. This is to further control the PF roller position moving upward.

(According to this change, the conventional part CUSHION (No. 3) becomes no longer necessary.)



(The above Fig. is same as on Page 1.)

Affected Machines Serial Number

Model	Specification	ITEM No.	Initial S/N	Remarks
TASKalfa 2200	KDA 120V	1102NN2US0	LBE4500403	
	KDBR	1102NN2BR0	Next production	Not affected to LFF4400101
	KDA 220V	1102NN4US0	Next production	Not affected to LFE4400160