

Service Bulletin

SB Number:	SB 2DC-007	Creation Date: 16/03/2004
Subject:	Final measure black patches / spots on copy image (toner lumps on dev. roller)	
Model:	KM-1500	

Phenomenon & Cause

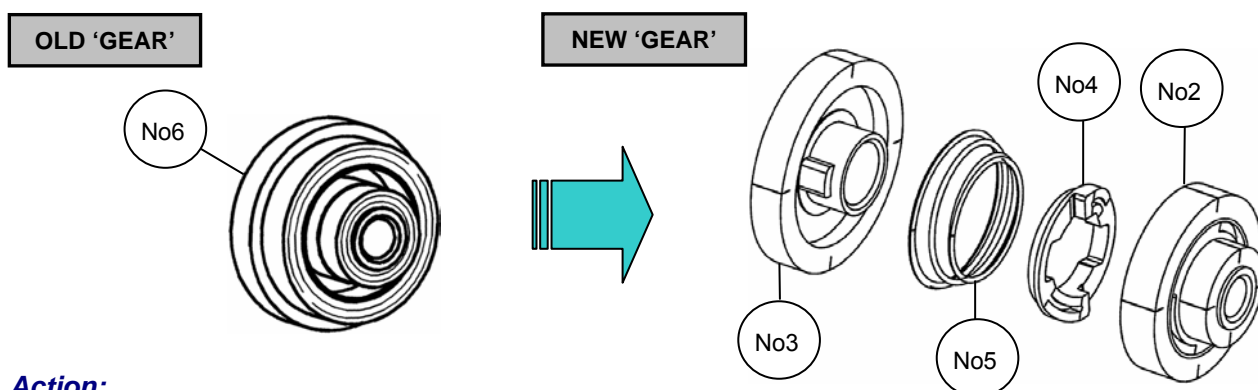
Black patches on copies may arise due to toner lumps on the developing roller. Particularly for jams during use of the multi-bypass, the end-user tends to pull the jammed paper out without removing the PU first, since the trailing edge of the paper is visible. If the jammed paper is pulled out without removing the PU, the registration rollers will be rotated in the reverse direction. This causes the rollers in the PU to rotate in the opposite direction resulting into an uneven toner layer on the developing roller. This uneven toner layer may produce **black patches** on copies originating from a toner lump on the developing roller.

Field Measure

Clean toner lumps from developing roller. Cleaning procedure included in [SB 2DC-003](#).

Final measure

To prevent the incorrect rotation of the registration rollers, the mechanism of 'GEAR DLP 14/26/30' (P/N: 2DC14120) that conveys the drive to the 'GEAR DLP 20' (P/N: 2DC14100) has been changed as follows. (Gear has been changed in such a way that the drive of reverse rotation is not conveyed to the developing roller.)



Action:

If paper jam occurs in MPF section, please instruct the end-user to remove the jammed paper only after detaching the PU according to the Operation Guide. If toner lumps adhere to the developing roller, please clean the developing roller as mentioned in SB 2DC-003. After that, please attach new part no. 2 to no.5.

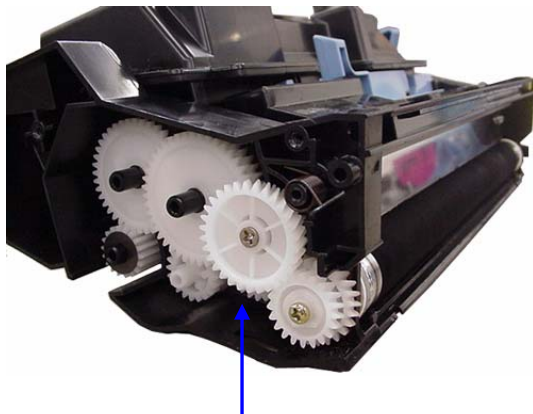
No.	Part No. OLD	Part No. NEW	Description	Q'ty old-new		Interchange ability	
1	2DC93033	2DC93034	PARTS, PROCESS UNIT, SP	1	1	X	O
2	-----	2DC14330	+ GEAR DLP 14/26	-	1	-	X
3	-----	2DC14340	+ GEAR DLP 30	-	1	-	X
4	-----	2DC14350	+ JOINT PLATE DLP GEAR	-	1	-	X
5	-----	2DC14360	+ SPRING TENSION DLP GEAR	-	1	-	X
6	2DC14120	-----	+ GEAR DLP 14/26/30	1	-	X	-

Affected Machine Serial Numbers:

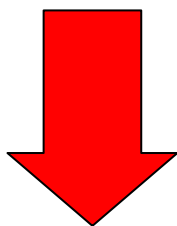
KM-1500: XAU4134774 and later
Part 1.) PU: WQB3Y42022 and later

Service Bulletin

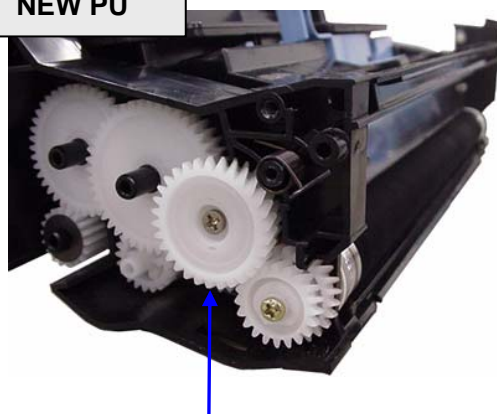
PU before change



No.6: 'Gear DLP 14/26/30



NEW PU



No. 2 to No. 5