

SB Number:	SB 2HN-008	Creation Date: 14/08/2009
Subject:	Noise from the TR-540/560 and image print failure	
Model:	FS-C5100DN/5200DN/5300DN	

Phenomenon	<ul style="list-style-type: none"> Noise may arise from the TR-540/560 at paper feed section 2. Image print failure may occur.
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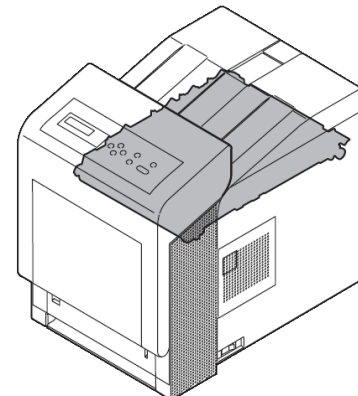
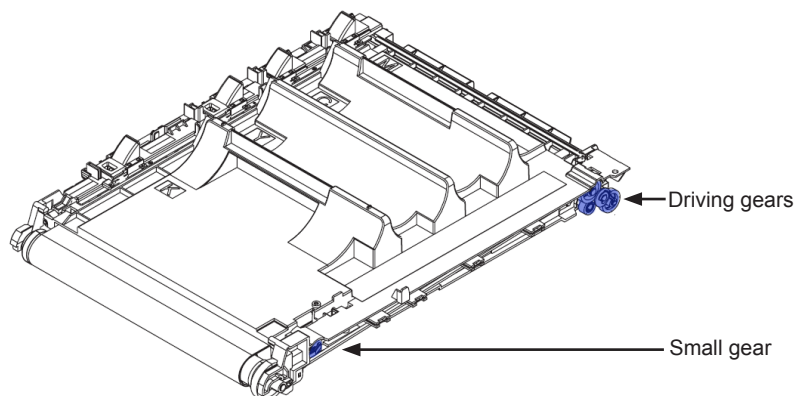
Cause	<p>Waste toner can not be collected due to a driving failure of the gears at the base image R at the TR-540/560.</p> <p>Under this condition the toner gets caked on the inside of the TR-540/560.</p>
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Solution	<p>The following changes have been made to the TR-540/560:</p> <ol style="list-style-type: none"> Temporary solutions: <ol style="list-style-type: none"> The driving motion of the gears will be checked during the production process. Apply "molykote EM-50LP" grease at the shaft of the small gear at the front of the TR-540/560. Permanent solution: <p>The thickness of the mount positioning boss at the base image R has been increased.</p>
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Parts	No.	Old Parts No.	New Parts No.	Description
	1	302HL93230 2HL93230	302HL93230 2HL93230	TR-540
	2	302HN93060 2HN93060	302HN93060 2HN93060	TR-560

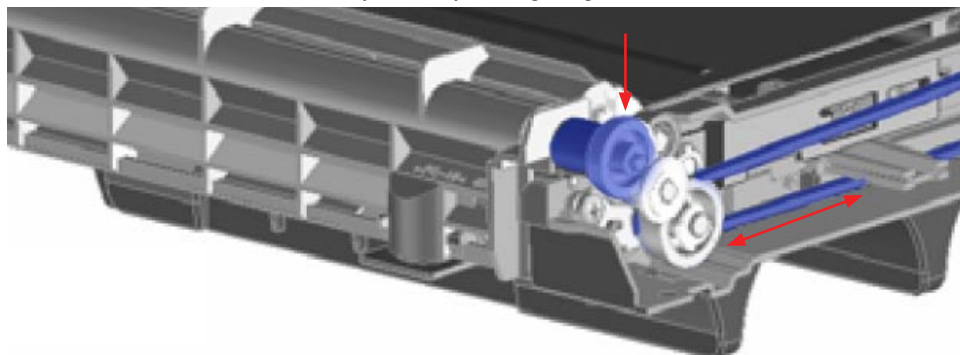
Affected serial numbers	Type	Measure	Serial number
	FS-C5100DN	Confirmed driving gear motion and base image R change.	XEU9309757 and higher
	FS-C5200DN		XEV9307949 and higher
	FS-C5300DN		XEW9304098 and higher
	TR-540		WKJ9310227 and higher
	TR-560		WKK9415499 and higher
	FS-C5100DN	Applied Molykote EM-50LP grease.	XEU9617678 and higher
	FS-C5200DN		XEV9609324 and higher

TR-540/560 at FIG. 7 Paper Feed Section 2



Item 1.1. (temporary solution):

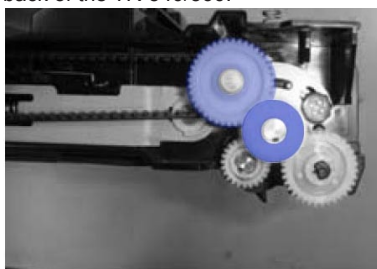
Confirm that the drive is transmitted by manually rotating the gear at the back of the TR-540/560.



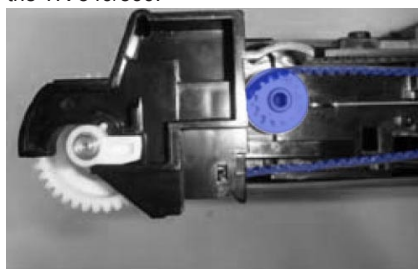
Item 1.2. (temporary solution):

Apply "molykote EM-50LP" grease at the shaft of the small gear at the front of the TR-540/560.

Remove the clips and the gears at the back of the TR-540/560.

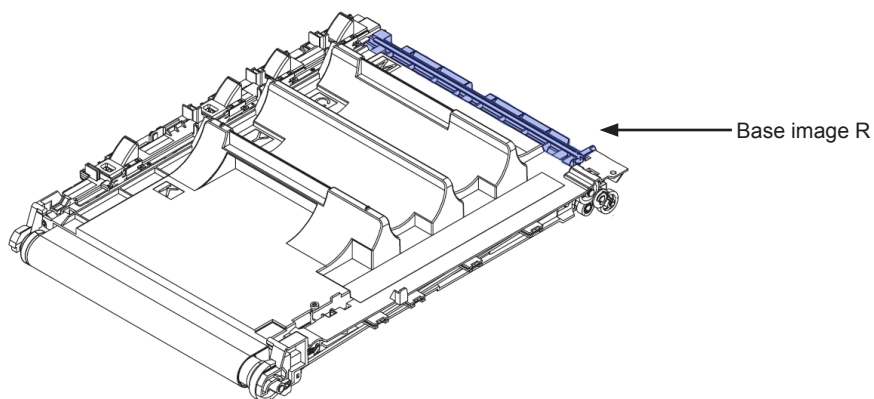


Remove the belt and gears at the front of the TR-540/560.

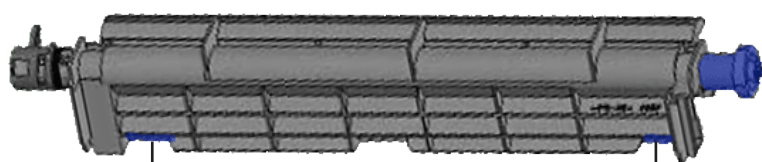


Apply a small amount of the grease at the surface of the shaft of the gear.

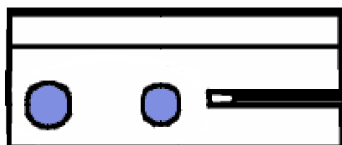




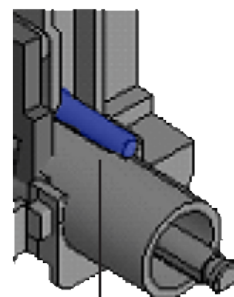
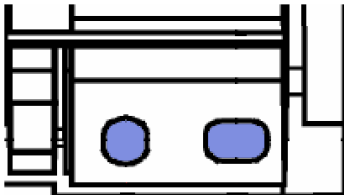
Item 2 (Permanent solution): The shape of the base image R has been changed



The hole size has been decreased.



The hole size has been decreased.



The positioning boss has been increased in thickness.

