

<b>SB Number:</b>	<b>SB 2HP-003</b>	<b>Creation Date:</b> 27/04/2007
<b>Subject:</b>	<b><i>Preventing the Transfer belt from being torn/ripped</i></b>	
<b>Model:</b>	<b>FS-C8100DN</b>	

## Phenomenon

Due to variations in the transfer belt pressure balance, in very rare occasions, the transfer belt may be torn over time.

## Cause

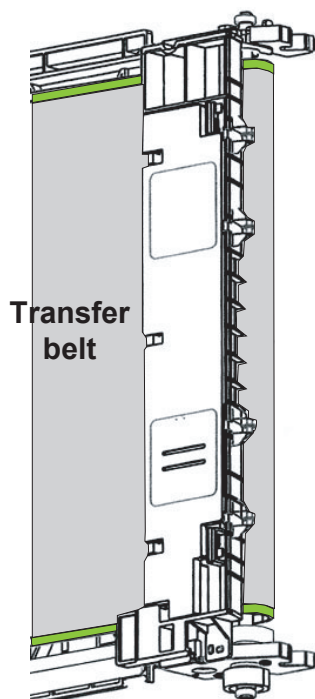
Due to variations in:

- the transfer belt lengths, both at the front and rear end of the machine, and;
- the balance of transfer belt pressure;

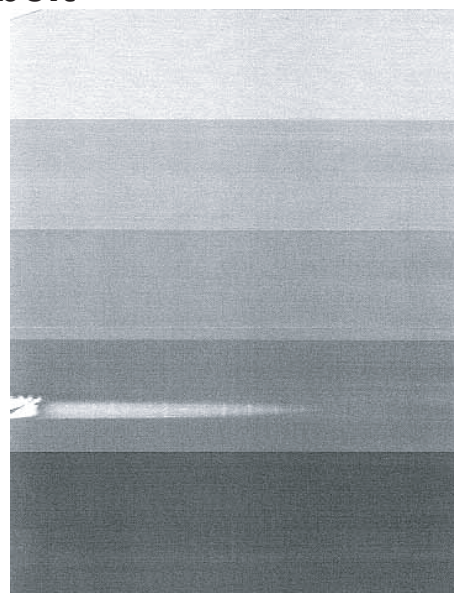
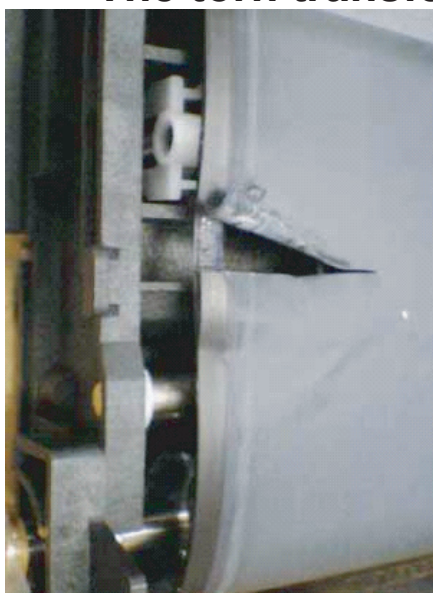
there is a possibility that the transfer belt moves to one side when the machine drives. This in turn will cause the rubber attached to the inside of the transfer belt (which secures the position of the belt) to run over the transfer belt drive roller and there is a chance that the transfer belt may be torn in the area of a folding line which occurred when the unit was assembled.

## Measures

1. The transfer belt lengths at both the front and rear end have been measured at the manufacturers facility after the assembly is finalised. After this the belt has been left in storage for a certain amount of time (Since August 2006) so that the variation in their lengths can be prevented;
2. If the joint of the rubber belt (which secures the position of the transfer belt) and the folding section of the transfer belt overlapped, the entire belt strength would be lower. Therefore, they are placed in different positions when assembled. (Since October 2006);
3. To ensure that tension in the front and rear side of the transfer belt are equal, the criteria by which the spring for transfer belt pressure is chosen are changed (Since December 2006).



## The torn transfer belt



\*The parts numbers of the transfer belt unit (302HP9309\_) remain the same in spite of the change 1)~3) shown above.

**Field measure:**

When the above mentioned phenomenon occurs, please replace the transfer belt unit with the one newer than the below product number (Bar code No.).

**The following serial numbers (and higher) indicate which machines are not subject to the above problem:**

FS-C8100DN (302HP9309\_): Under investigation, expect to be informed ASAP