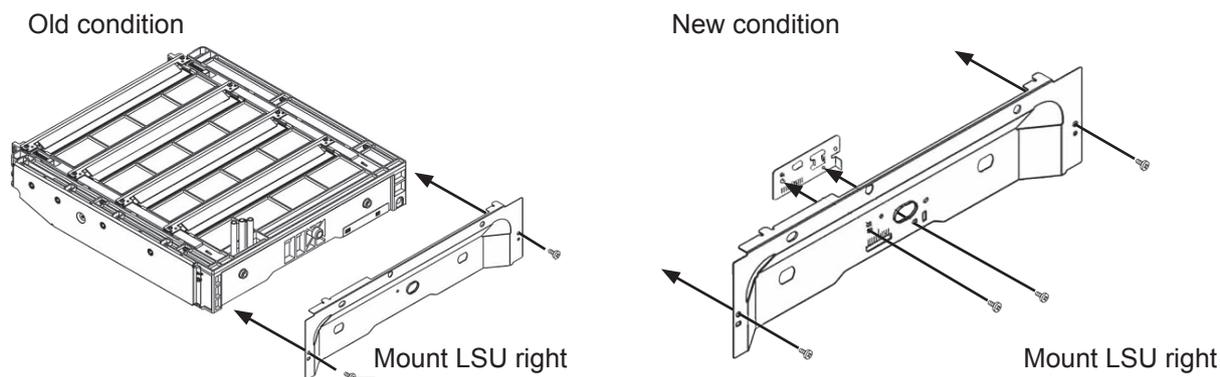


<b>SB Number:</b>	<b>SB 2FZ-023</b>	<b>Creation Date:</b> 18/04/2008
<b>Subject:</b>	<b>Plate LSU adjust (No.1) added to adjust LSU right angle</b>	
<b>Model:</b>	<b>KM-C2520/3225/3232/2525E/3232E/4035E</b>	

<b>Contents of changes</b>	<ol style="list-style-type: none"> <li>To make it possible to adjust LSU right angle, Plate LSU adjust (No.1) has been added between the LSU and Mount LSU right (No.2).</li> <li>Holes have been added to the Mount LSU right (No.2) to attach Plate LSU adjust (No.1).</li> </ol>
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Parts	No.	Old Parts No.	New Parts No.	Description	Q'TY		Interchangeability		SP
					Old	New	Old	New	
	1	-----	302FZ03060 2FZ03060	PLATE LSU ADJUST	-	1	-	X	
	2	302FZ02540 2FZ02540	302FZ03090 2FZ03090	MOUNT LSU RIGHT 2	1	1	X	O	
	3	-----	B1A54080	+BIND TAP-TITE S SCREW M4X08	-	2	-	X	

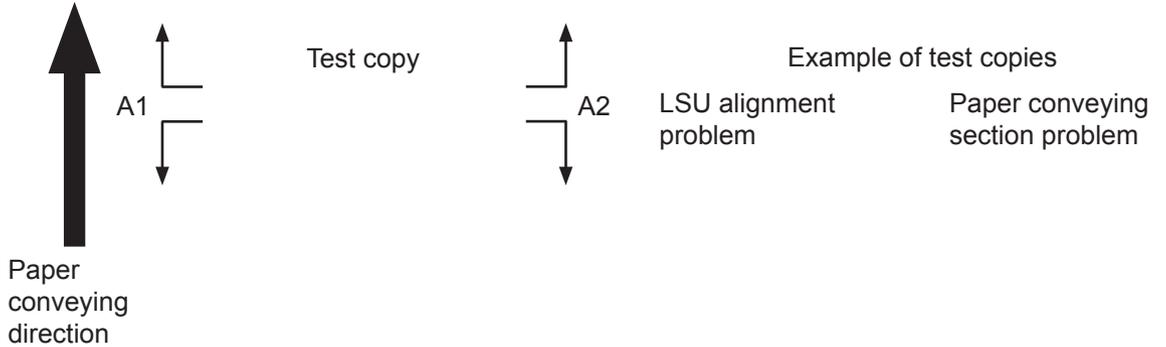
<b>Field measure</b>	<p>When adjusting the right angle of the LSU in new type machines, follow the instructions on the next page.</p> <p>Please mark the standard scale position when adjusting or removing Plate LSU adjust (No.1). This can be different for each machine, because this is set during the production.</p> <p>After adjusting LSU right angle, perform colour registration because colour misalignment might occur if the position of the LSU has been changed.</p>
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Affected serial numbers	Type	Serial number
	KM-C2520/3225/3232	No production
	Other MFP's	Under investigation

**LSU adjustment procedure.**

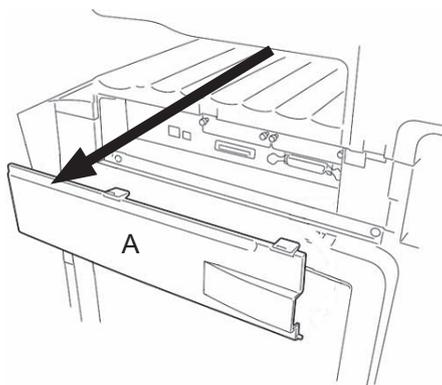
Check the following to see if it is necessary to adjust the angle of the LSU.

1. Perform "center line adjustment" in Maintenance mode U034 (Adjusting the print start timing)
2. Output a test copy 5 times (Paper source is irrelevant).
3. If it is only the main scanning direction which misaligns on the test copies, the cause is the LSU (Therefore check how much the image misaligns and make the following adjustments).  
If both the main and sub scanning direction misalign, the problem is caused by the paper conveying section (If this is the case bellow procedures are unnecessary)

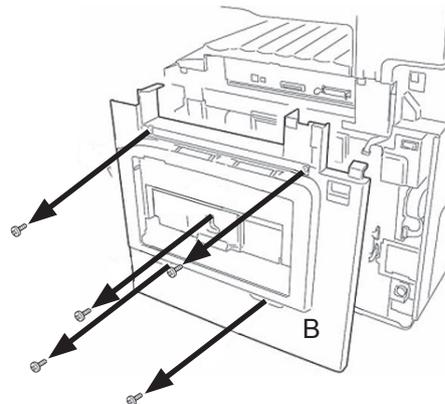


4. Measure the difference between normal value 20mm and A1 and A2, and see what the difference downward or upward is.

Release fitting sections and remove Interface cover (A)



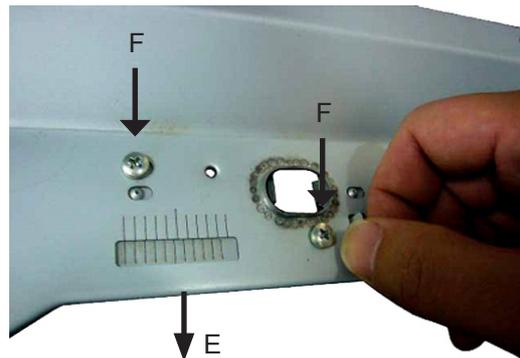
Open the front cover and remove the 5 screws that hold the right cover (B) into place



Remove the 2 screws which hold both ends of the Mount LSU right 2 (C), to remove the Mount LSU right 2 (C) and Plate LSU adjust (E)



Loosen the 2 screws (F) holding Plate LSU adjust (E).  
Adjust the scale positions of the Plate LSU adjust (E) and Mount LSU right 2 (C) and secure the screws.

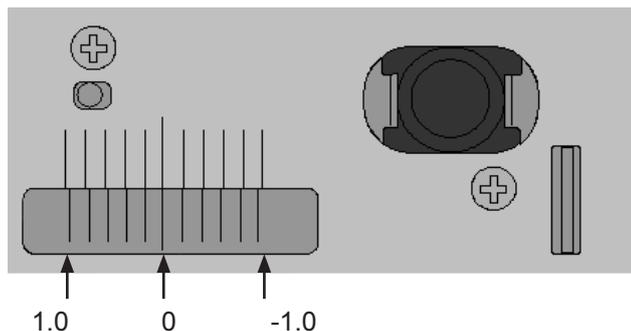


## Adjustment

Fit the scale position of the Mount LSU right 2 (C) to the one of the Plate LSU adjust (E).

### Example

When adjusting to 0,2, keep Plate LSU adjust to the left and fit it to the scale (marking) 0,2



Misalignment change after adjustment in millimeters		
Misalignment		Scale position
Downward	1.0	Left edge (About 1.5)
Downward	0.67	1.0
Downward	0.53	0.8
Downward	0.40	0.6
Downward	0.27	0.4
Downward	0.13	0.2
Standard	0	0
Upward	0.13	-0.2
Upward	0.27	-0.4
Upward	0.40	-0.6
Upward	0.53	-0.8
Upward	0.67	-1.0
Upward	1.0	Right edge (About 1.5)

5. Fix both ends of the Mount LSU right 2 (C) in the machine using both screws (D).
6. Perform procedure 1, 2 and 3 again to check if the misalignment has been improved.
7. After adjusting LSU right angle, please perform colour registration.