
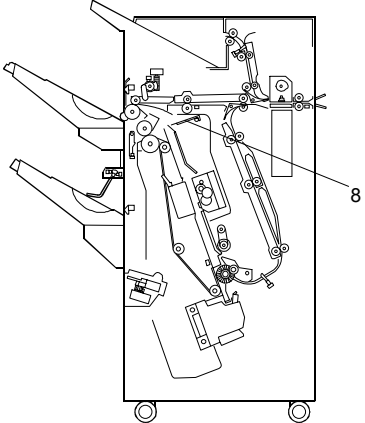



Model: Martini-C1	Date: 13-Sep-02	No.: RB064002
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Page	General Location	Old		New																	
B468 -11	1.11 JAM DETECT ION	Staple	<table border="1"> <tr> <td>Stapler exit sensor check in failure</td> <td>Remains OFF after the entrance sensor goes ON and the paper has 760 mm.</td> </tr> <tr> <td>Stapler exit sensor check out failure</td> <td>Remains ON after the stapler tray entrance sensor goes ON, and enough time has elapsed for twice the length of the paper to feed.</td> </tr> <tr> <td>Stapler tray sensor check out failure</td> <td>Remains ON after the feed out belt motor switches ON and pulse count exceeded 466.</td> </tr> <tr> <td>Shift tray exit sensor check in failure</td> <td>Remains OFF after the feed out belt motor switches ON for 1260 ms.</td> </tr> </table>	Stapler exit sensor check in failure	Remains OFF after the entrance sensor goes ON and the paper has 760 mm.	Stapler exit sensor check out failure	Remains ON after the stapler tray entrance sensor goes ON, and enough time has elapsed for twice the length of the paper to feed.	Stapler tray sensor check out failure	Remains ON after the feed out belt motor switches ON and pulse count exceeded 466.	Shift tray exit sensor check in failure	Remains OFF after the feed out belt motor switches ON for 1260 ms.	Staple	<table border="1"> <tr> <td>Booklet exit sensor check in failure</td> <td>Remains OFF after the entrance sensor goes ON and the paper has 760 mm.</td> </tr> <tr> <td>Booklet exit sensor check out failure</td> <td>Remains ON after the stapler tray entrance sensor goes ON, and enough time has elapsed for twice the length of the paper to feed.</td> </tr> <tr> <td>Stapler tray paper sensor check out failure</td> <td>Remains ON after the feed out belt motor switches ON and pulse count exceeded 466.</td> </tr> <tr> <td>Exit sensor check in failure</td> <td>Remains OFF after the feed out belt motor switches ON for 1260 ms.</td> </tr> </table>	Booklet exit sensor check in failure	Remains OFF after the entrance sensor goes ON and the paper has 760 mm.	Booklet exit sensor check out failure	Remains ON after the stapler tray entrance sensor goes ON, and enough time has elapsed for twice the length of the paper to feed.	Stapler tray paper sensor check out failure	Remains ON after the feed out belt motor switches ON and pulse count exceeded 466.	Exit sensor check in failure	Remains OFF after the feed out belt motor switches ON for 1260 ms.
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B468 -13	2.1 OVERVI EW 	<ol style="list-style-type: none"> Proof Tray Guide Plate Motor Guide Plate Shift Roller Tray Junction Gate Punch Unit Stapler Junction Gate Pre-Stack Tray 	<ol style="list-style-type: none"> Stapler Unit Pressure Plate Unit* Saddle Stitch Stapler* Folder Plate* Lower Tray* Folder Rollers* Upper Tray 	<ol style="list-style-type: none"> Proof Tray Guide Plate Motor Guide Plate Shift Roller Tray Junction Gate Punch Unit Stapler Junction Gate Pre-Stack Tray Stapler Unit Pressure Plate Unit* Saddle Stitch Stapler* Folder Plate* Lower Tray* Folder Rollers* Upper Tray 																	
B468 -20	2.5.3 Lower Tray 	<p>Just After the Power is Switched on</p> <p>At power on, the upper tray moves to the start position under the feed-out slot, as described previously.</p>	<p>Just After the Power is Switched on</p> <p>At power on, the lower tray moves to its start position.</p>																		

Reissued: 20-Jun-03

Model: Martini-C1	Date: 22-Oct-02	No.: RB064006a
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RTB Correction

The jogger fence adjustment procedure for the SR860 Finisher has been revised. The specific improvements made are mentioned below under **Solution**.

Subject: Jogger Fence Adjustment		Prepared by: Y.Urushihara	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		



SYMPTOM

Booklet skew when using the B468.

CAUSE

1. The front and rear jogger fences are not parallel.
2. The paper is not transported straight.

SOLUTION

Adjust the jogger fence position.

The following adjustment procedure has been revised for the following reasons:

- An adjustment board has been registered as a service part for more accurate jogger fence alignment, as paper can tend to slack during the adjustment.

Adjustment Board – Jogger Fence B4689003
(250mm x 280mm)

- A new SP mode (SP6120) has been added which allows the fences to be adjusted for different paper sizes (see RTB #RB064038 for the adjustment procedure).

Important: Specific firmware combinations are necessary to activate this SP mode. See RTB #RB064038 for details.

- Revisions to the procedure below have been applied to ensure that booklet skewing (horizontal and vertical) is kept within the **specification tolerance of 2mm or less**.

Important: “2mm or less” refers to the amount of skew between the **edges of the innermost sheet** of a folded set (or single sheet).

Reissued: 20-Jun-03

Model: Martini-C1

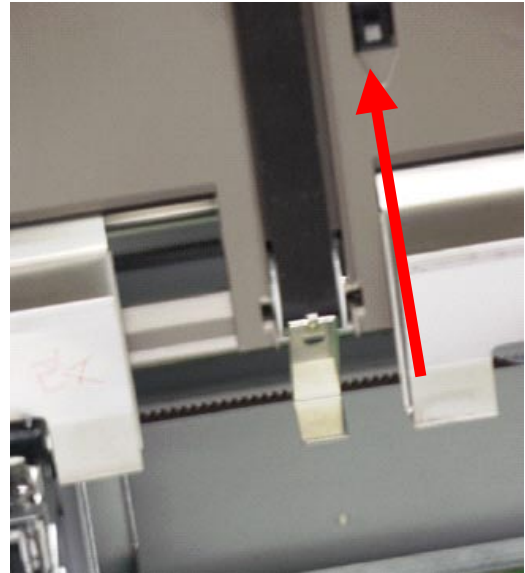
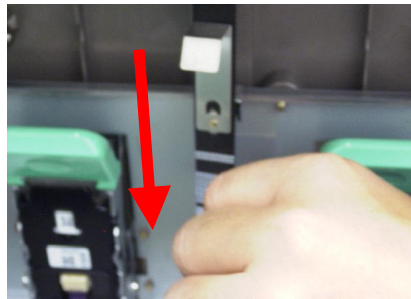
Date: 22-Oct-02

No.: RB064006a

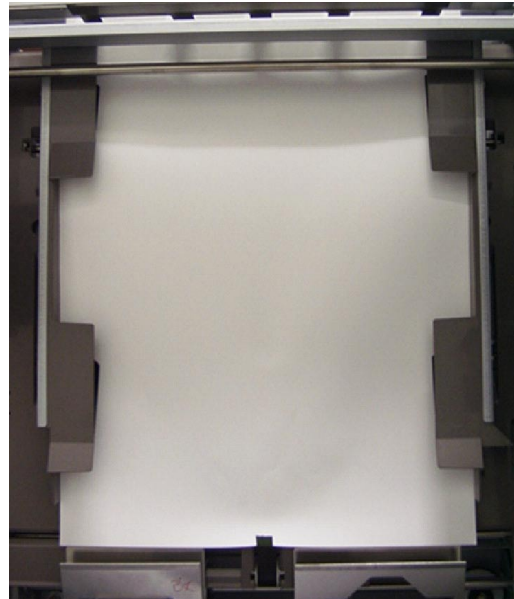
Adjusting the Jogger Fences

1. Move the belt hook down to the position shown in the photograph to the right by moving the stack feed out belt on the rear side of the unit by hand.

Important: Do not move the belt by the hook itself. Also, be sure to move the belt in the correct direction, shown by the arrow in the photograph below.



2. Insert the adjustment board (B4689003) between the jogger fences.



Reissued: 20-Jun-03

Model: Martini-C1

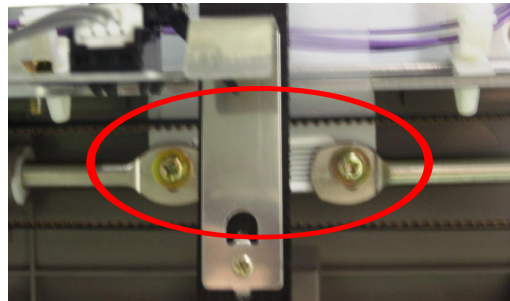
Date: 22-Oct-02

No.: RB064006a

3. By manually moving the stack-feed out belt on the rear side of the unit, bring the adjustment board up until its edge is about at the top edge of the upper stay.



4. Loosen the 2 screws for the lower jogger shafts.



5. Rotate the R7 knob until the upper stay lightly contacts the adjustment board.



Reissued: 20-Jun-03

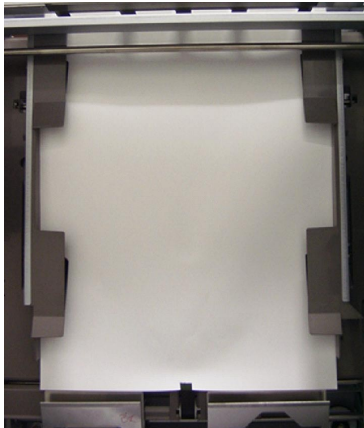
Model: Martini-C1

Date: 22-Oct-02

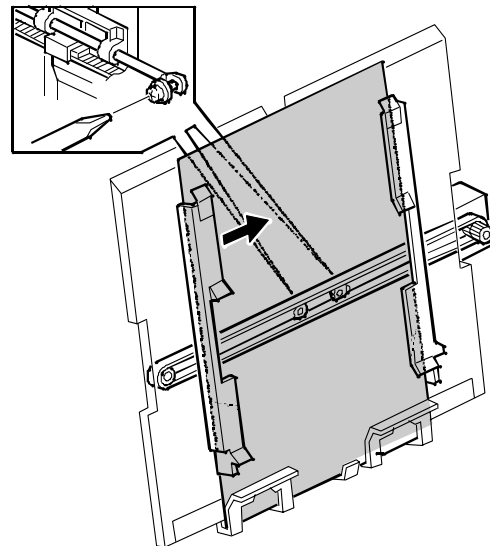
No.: RB064006a

6. By turning the motor pulley (black knob), bring the fences together until they are roughly parallel to one another.

Note: At this point, the fences should not be tight against the board's edges.



7. Bring the board flush against the rear jogger fence.

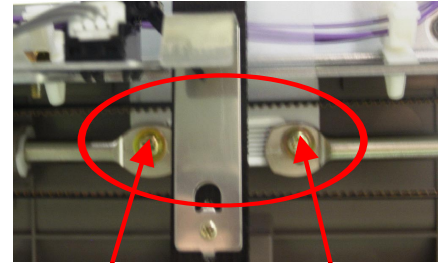


02073006.WMF

Reissued: 20-Jun-03

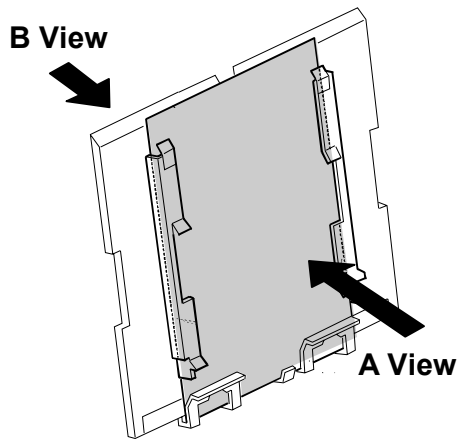
Model: Martini-C1	Date: 22-Oct-02	No.: RB064006a
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8. Adjust the **rear** jogger shaft position until the top edge of the upper stay and upper edge of the board are parallel to one another.

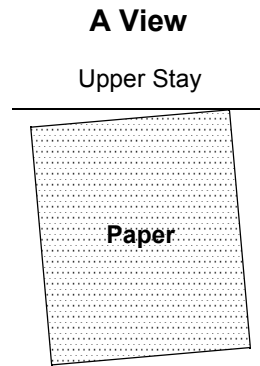


Left edge height + Right edge height = **0.5mm or less.**

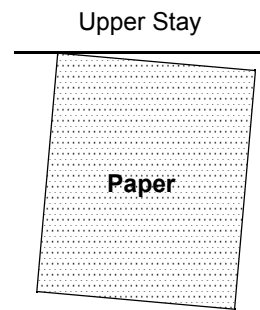
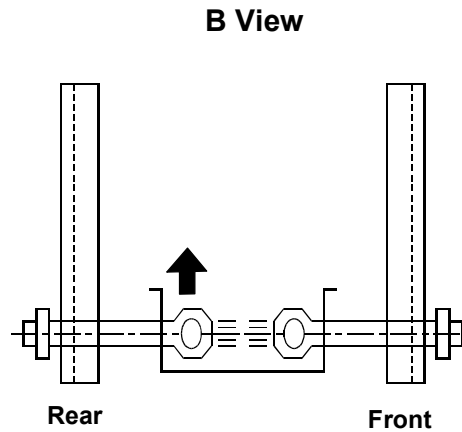
9. Tighten the screw for the rear jogger shaft all the way



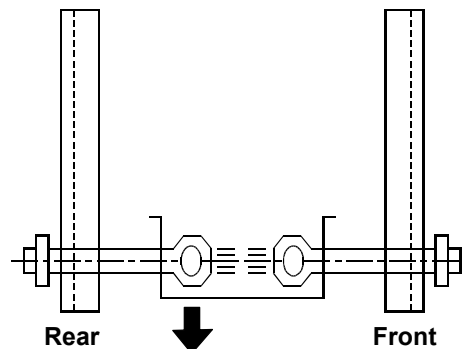
ADD1.WMF



8A.WMF



8B.WMF

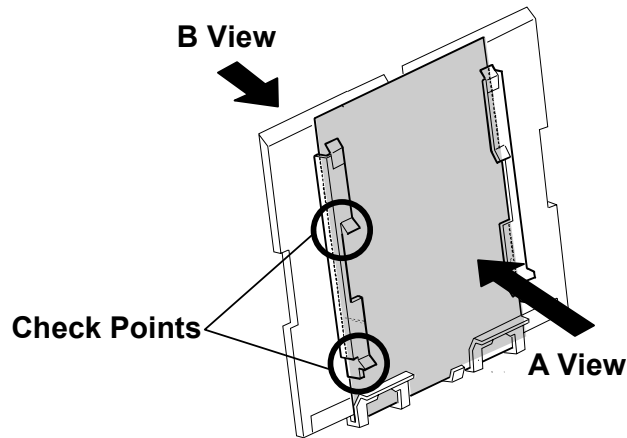


Reissued: 20-Jun-03

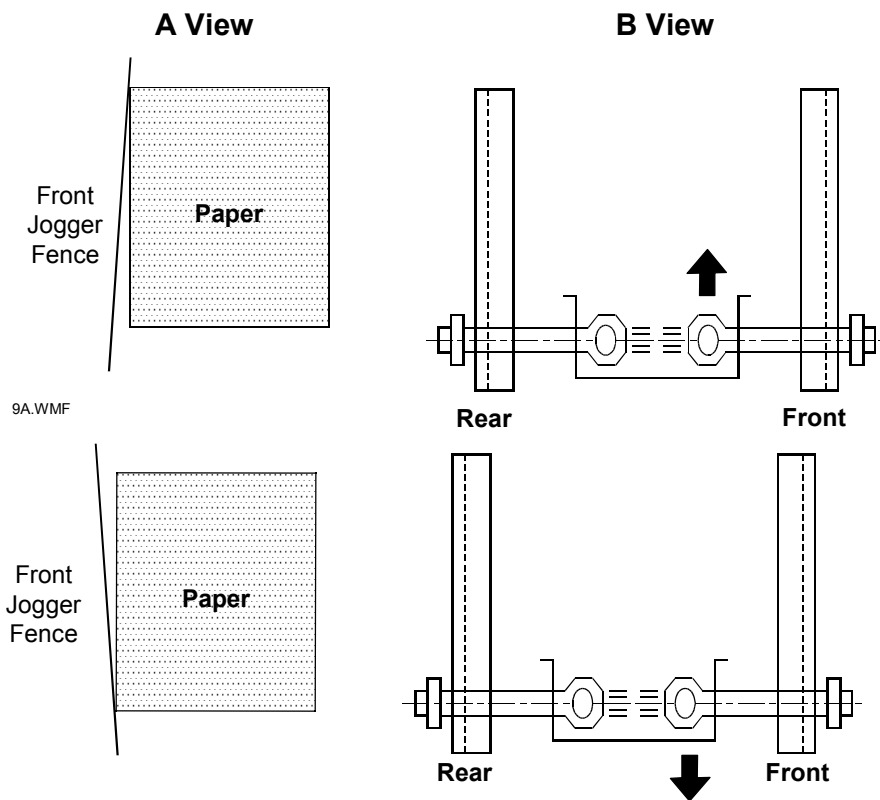
Model: Martini-C1	Date: 22-Oct-02	No.: RB064006a
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10. Bring the **front** jogger fence flush against the edge of the board, then adjust the front fence shaft until the board/fence gaps on both sides are:

Board/fence gap (top + bottom) = **0 - 0.5mm**.



ADD1.WMF



9A.WMF

9B.WMF

Reissued: 20-Jun-03

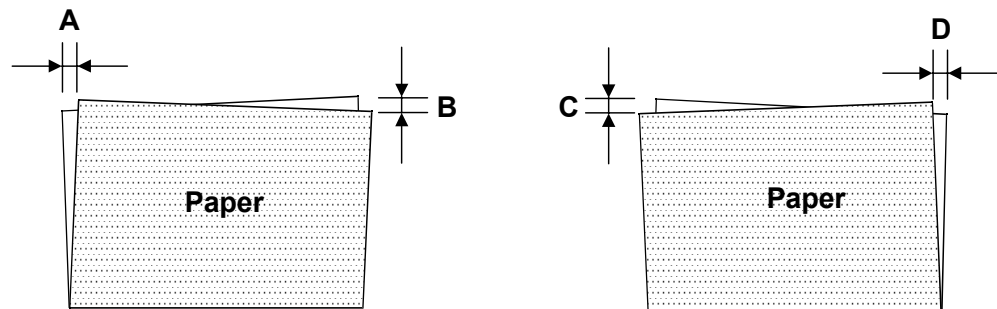
Model: Martini-C1	Date: 22-Oct-02	No.: RB064006a
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11. Tighten the screw for the front jogger fence all the way.

12. Print out 3 Booklet sets (2-3 sheets each) and check for folding skew.

All distances shown below (A, B, C, D): **2mm or less**.

Note: As mentioned on pg. 1, measure this from the edges of the **innermost sheet**.



13.WMF

13. If A, B, C or D is **over 2mm**, perform the following.

- A. Open the finisher front door, then insert a driver or other tool into the door switch to create the door-closed condition. Also, make sure to push in the stapler unit.
- B. Print out 3 Booklet sets (2-3 sheets each) using the exposure glass (not the DF).
- C. Once the paper is fed into the stapler unit and the machine stops operation, pull out the stapler unit.
- D. Press the “#” key on the operation panel, and then pull out the driver from the door switch as soon as the jogger fences close in to the paper edges from the standby position (10mm outside the paper width).
- E. Check to see that the paper/fence gaps on both sides are:
Paper/fence gap (top + bottom) = **0 - 0.5mm**.

If the fences are positioned too wide or too narrow, adjust the gap to 0 – 0.5mm for the given paper size using **SP6120**.

14. Repeat **Step 13** above, and if A, B, C or D is still above 2mm, go on to Step 15.

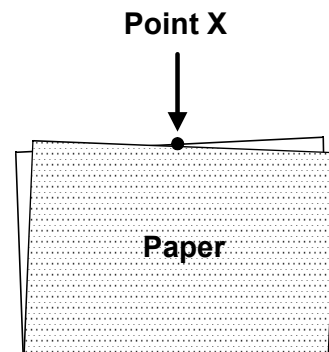
Reissued: 20-Jun-03

Model: Martini-C1

Date: 22-Oct-02

No.: RB064006a

15. Adjust the folding position using **SP6902** until the two edges intersect in the middle (point X). This will minimize vertical folding skew, i.e. bring the leading/trailing edges of the sheets closer together.

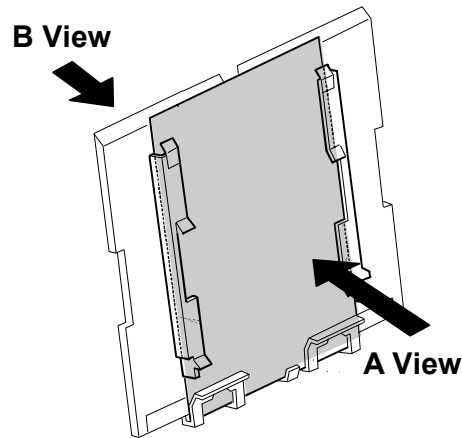


ADD2.WMF

16. Repeat **Step 13** above, and if A, B, C or D is still above 2mm, go on to Step 17.

Note: Although the fences may be parallel and 0 – 0.5mm from the paper edges, they may not be 90 degrees with respect to the folding mechanism. Step 16 can correct this.

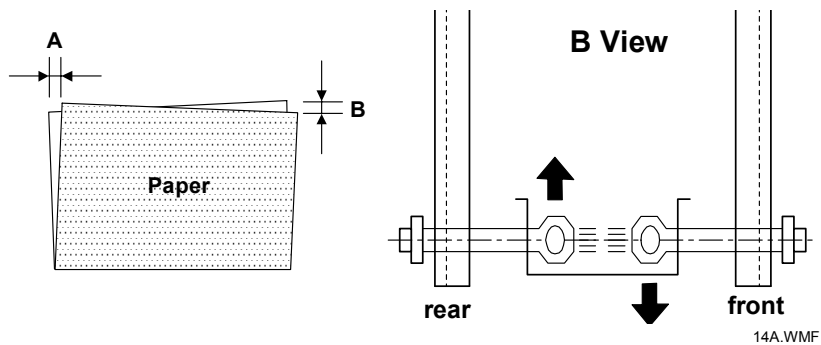
Model: Martini-C1	Date: 22-Oct-02	No.: RB064006a
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ADD1.WMF

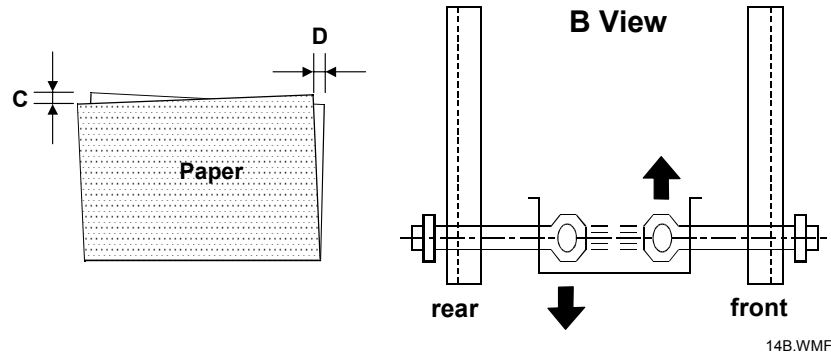
17.

- 1) If A/B are over 2mm, **raise** the rear jogger fence shaft and re-secure the shaft in place. Then, loosen the screw for the front jogger fence shaft, **lower** the shaft to bring the front jogger fence flush against the paper, and re-secure the shaft in place.



14A.WMF

- 2) If C/D are over 2mm, **lower** the rear jogger fence shaft and re-secure the shaft in place. Then, loosen the screw for the front jogger fence shaft, **raise** the shaft to bring the front jogger fence flush against the paper, and re-secure the shaft in place.



14B.WMF

Note: Be sure to raise/lower both shafts by the same number of marked increments.

Reissued: 20-Jun-03

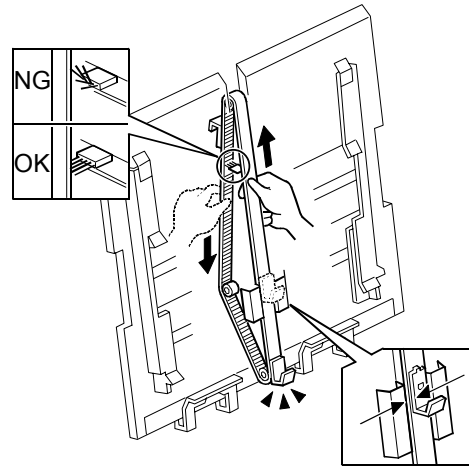
Model: Martini-C1

Date: 22-Oct-02

No.: RB064006a

18. Repeat **Step 16** until A, B, C and D are all 2mm or less.

19. Bring the belt hook to the position shown in the photograph below then adjust the hook until it is parallel to the belt itself.

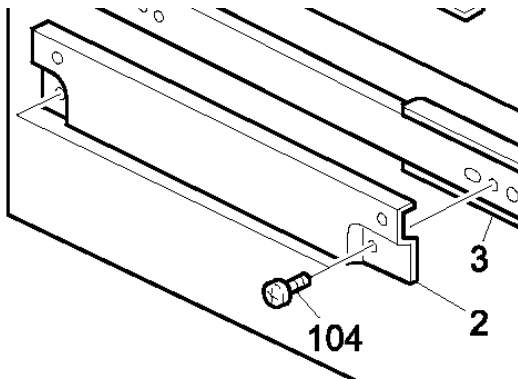


20. If the charge-removal brush is bent upwards, adjust it so that its fibers are perpendicular to the belt.

Model: Martini-C1		Date: 4-Oct-02	No.: RB064005
Subject: Finisher screw detaches from slide rail bracket		Prepared by: K. Miura	
From: Technical Services sec. Service Planning Dept.			
Classification:	<input checked="" type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		

SYMPTOM

The screw shown below (Frame section 20, P/N #04533006B, pg. 45 #104) comes loose and detaches from the slide rail bracket.

**CAUSE**

Vibration during transport.

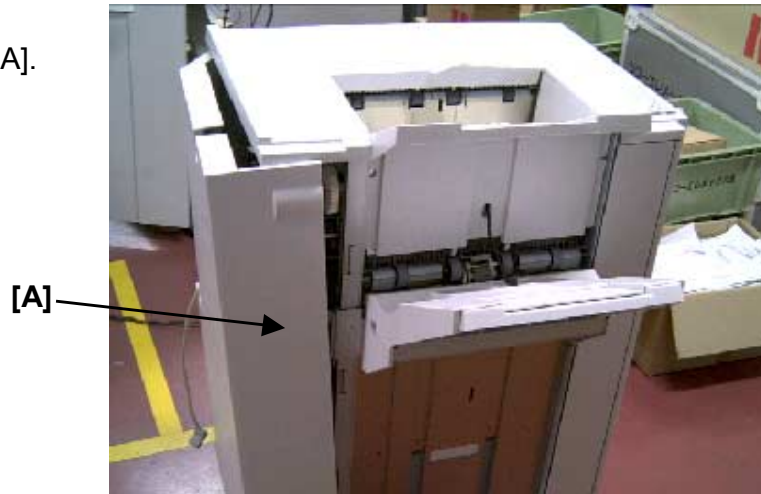
SOLUTION

As a permanent solution, the screws have been equipped with spring-washers. As a temporary solution in the field, please perform the procedure below.

Procedure for Adjusting the Slide Rail Fixing Screws

The following is a procedure for the re-attaching or additional tightening of the Stapler slide rail unit fixing screws, which is necessary when the unit derails.

1. Remove the rear cover [A].



2. Remove the front door [B] by lifting up the upper hinge area [C], then removing the door shaft from its pivoting hole.



3. Remove the front right cover [D].

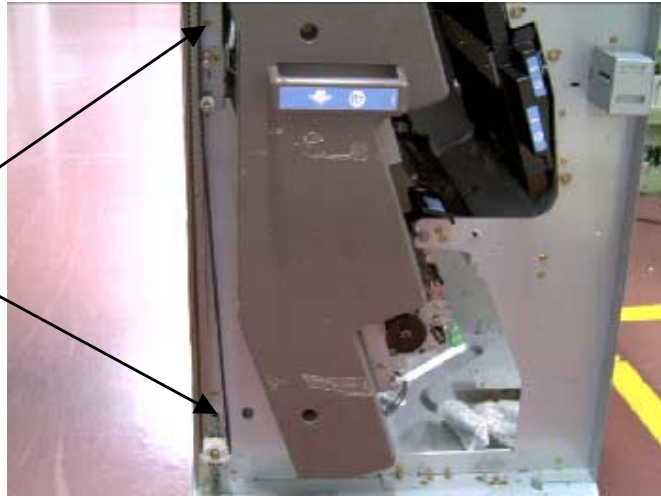
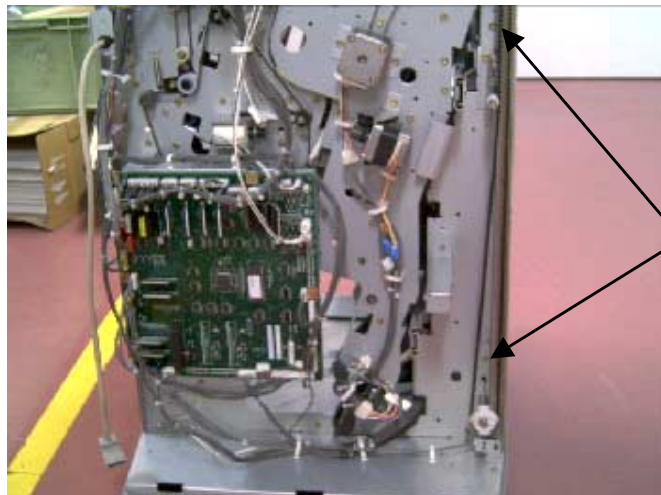


Model: Martini-C1

Date: 4-Oct-02

No.: RB064005

4. Remove the end fence [E] by first removing the 2 screws [F] on the front and rear plates (2 screws [G]), then pulling the lower portion of the fence outward to disconnect it from the machine.

[F]**[G]****[E]**

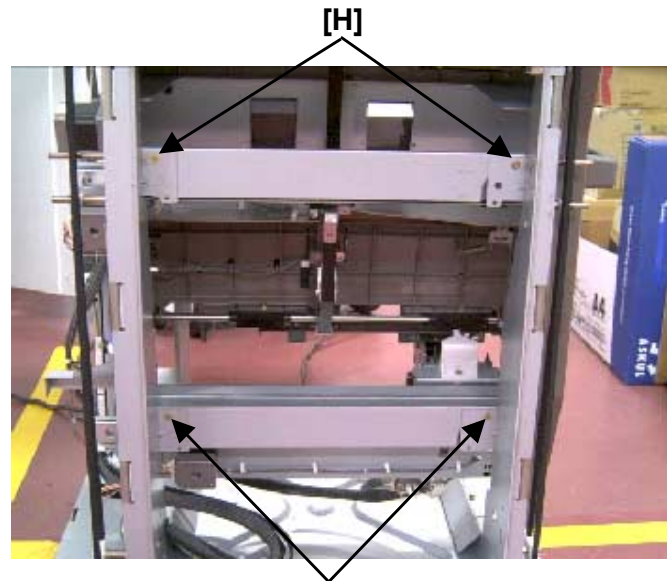
Model: Martini-C1

Date: 4-Oct-02

No.: RB064005

5. Remove the fixing screws [H] for the upper slide rail unit only.

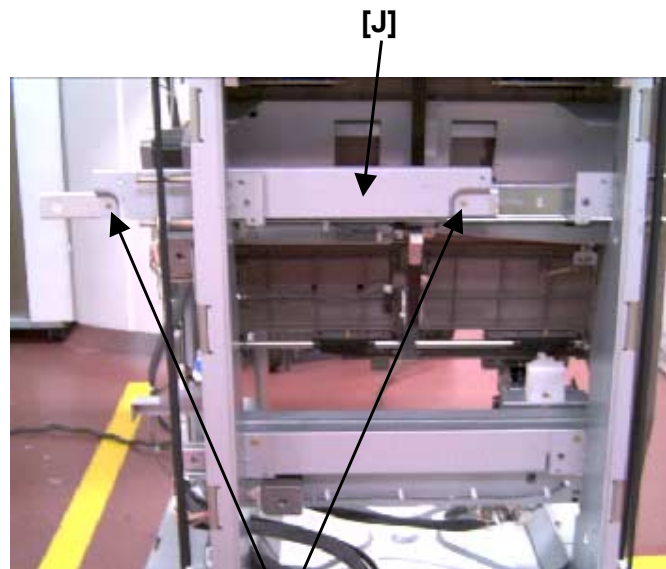
NOTE: If the lower slide rail screws [I] are also removed here, the Stapler Unit will fall out.



[I]: Do not remove

6. Slide the slide rail unit [J] toward the rear, then re-attach the fixing screws [K].

NOTE: Secure the screws slightly tighter than usual.



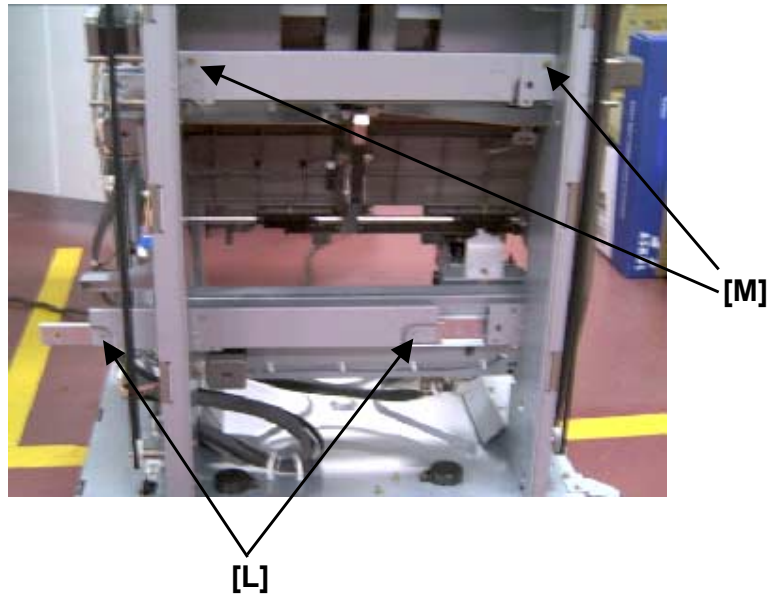
[K]

Model: Martini-C1

Date: 4-Oct-02

No.: RB064005

7. After making sure that the upper unit screws are tightened, remove the fixing screws [L] for the lower slide rail unit, slide the unit toward the rear, then reattach the screws [M].
NOTE: Secure the screws slightly tighter than usual.



8. Secure the slide rail unit in place, then reattach all covers removed in the above steps.

Reissued: 24-Jul-03

Model: Martini-C1	Date: 22-Oct-02	No.: RB064006b
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RTB Correction

The items on the first page *in bold italics* have been revised.

Previous reissue:

*The jogger fence adjustment procedure for the SR860 Finisher has been revised. The specific improvements made are mentioned below under **Solution**.*

Subject: Jogger Fence Adjustment		Prepared by: Y.Urushihara	
From: 1st Tech. Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input checked="" type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		

SYMPTOM

Booklet skew when using the B468.

CAUSE

- 1. The front and rear jogger fences are not parallel with one another.*
- 2. The jogger fences are too close or too far from the paper edges, and the paper is not fed out of the booklet maker straight.*
- 3. The jogger fence(s) themselves are bent.*

SOLUTION

The following three solutions correspond to each of the three causes above:

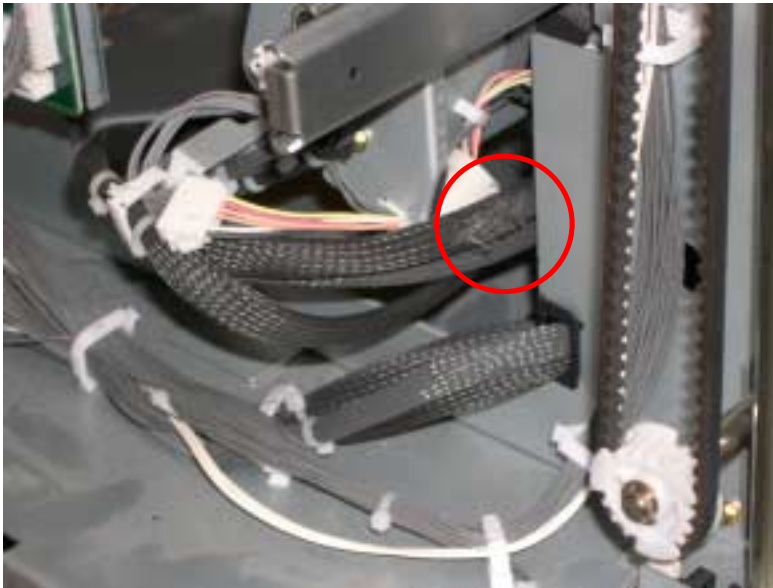
- 1. Perform the Adjustment Procedure below to bring the jogger fences parallel to one another.*
- 2. Perform the Adjustment Procedure below to ensure the fences will close to the proper width.*
Note: To ensure the proper width for each paper size, update to ROM vXXXX (see RTB #RB064038).
- 3. Replace the jogger fences with the modified ones to ensure the fences are not deformed when they expand by heat (see MB #XXXXX).*



Model: Martini-C1		Date: 18-Oct-04	No.: RB064046
Subject: SR850, SR860 Stapler Harness Damage		Prepared by: M. Matsuda	
From: 2nd Tech Support Sec. Service Support Dept.			
Classification:	<input type="checkbox"/> Troubleshooting	<input type="checkbox"/> Part information	<input checked="" type="checkbox"/> Action required
	<input type="checkbox"/> Mechanical	<input type="checkbox"/> Electrical	<input type="checkbox"/> Service manual revision
	<input type="checkbox"/> Paper path	<input type="checkbox"/> Transmit/receive	<input type="checkbox"/> Retrofit information
	<input type="checkbox"/> Other ()		

SYMPTOM

The outside of the stapler harness is damaged in the area shown in the photo. In some cases, a short circuit occurs in the damaged area.

**CAUSE**

The stapler harness rubs against the finisher rear plate when the stapler unit is pulled out or pushed in.

Model: Martini-C1

Date: 18-Oct-04

No.: RB064046

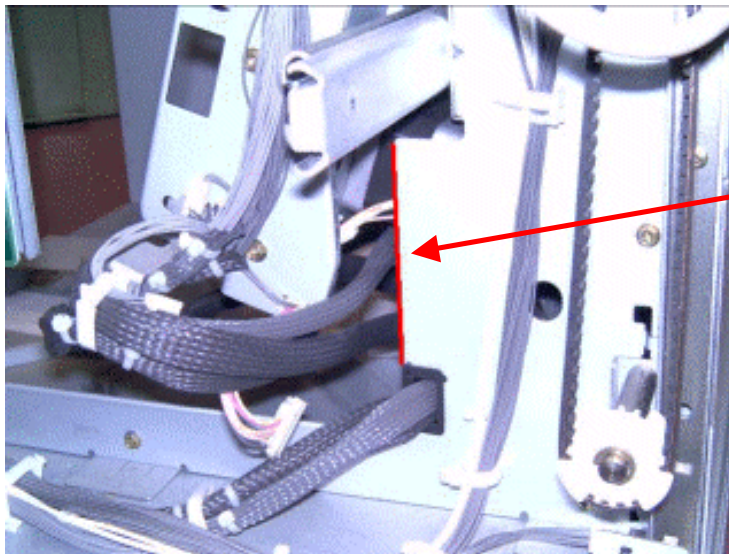
SOLUTION**Permanent Solution**

The shape of the rear plate has been changed so that it does not touch the stapler harness (the cut-in serial number is in the table below).

Action In The Field

For machines produced before the cut-in serial numbers:

Attach a piece of insulating tape to the area of the rear plate shown in the photo (red mark).

**Attach the tape here****Cut-in Serial Numbers**

MODEL NAME	DESTINATION	CODE	SERIAL NO.
SR860	USA, Canada. South America, Russia, Europe, etc.	B468-57	J453120001
	DANKA (Infotec)	B468-66	9R30140001
SR850	USA, Canada. South America, Russia, Europe, etc.	B469-17	J4631200301
	DANKA (Infotec)	B469-26	8P30140001