RICOH

Technical Bulletin

Reissued: 03-Feb-16

Model: **LCIT PB3170**	Date: 26-Jun-13	No.: RD695001c

RTB Reissue

The items in ***bold italics*** have been corrected or added.

Subject: Firmware Release Note: LCIT PB3170		Prepared by: Y. Ino
From: 1st Tech Service Sect., MFP/Printer Tech Service Dept.		
Classification:	☐ Troubleshooting ☐ Part information ☐ Action required ☐ Mechanical ☐ Electrical ☐ Service manual revision ☐ Paper path ☐ Transmit/receive ☐ Retrofit information ☐ Product Safety ☒ Other (Firmware) ☒ Tier 2	

This RTB has been issued to announce the firmware release information for the **LCIT PB3170.**

Version	Program No.	Effective Date	Availability of RFU
01.790:11	***D6955500E***	***February 2016 production***	***Not Available***
01.780:11	D6955500D	March 2014 production	Not Available
01.770:10	D6955500C	December 2013 production	Not Available
01.760:11	D6955500B	1st Mass production	Not Available

Note: Definition of Availability of RFU via @Remote
"Available": The firmware can be updated via RFU or SD card.
"Not available": The firmware can only be updated via SD card.

Version	Modified Points or Symptom Corrected
01.790:11	***Version number changed for version management purposes (No program changes made).***
01.780:11	Symptom corrected: Noise occurs or the LCT cannot be pushed in correctly if the paper in the left stack is moved while there is still paper in the right stack. Note: SC503 may occur if the LCT cannot be pushed in correctly and the user opens/closes the tray four or more times without correcting the position of the paper.
01.770:10	Symptom corrected: SC622 occurs and the machine reboots automatically if paper is fed from Tray 3.
01.760:11	1st Mass production

Model: LCIT PB3170	Date: 27-Feb-14	No.: RD695002

Subject: SC622 on machine with LCT		Prepared by: N. Yoshida
From: 1st Tech Service Sect., MFP/P Tech Service Dept.		

Classification:	☒ Troubleshooting	☐ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2

SYMPTOM

SC622-00 (Paper bank communication error) may occur when the LCIT PB3170 is installed.

CAUSE

LCIT firmware bug

The firmware cannot make the correct control decision in cases where paper is fed from the LCT just as the previous sheet reaches the registration roller. As a result, in some cases, the CPU on the controller board resets the WRT (watchdog timer).

SOLUTION

Production line:
The firmware was modified so that the watchdog timer is not reset under these conditions.

In the field:
Update the firmware to **ver.1.770:11** or newer.

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Technical Bulletin

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Model: LCIT PB3170	Date: 28-May-14	No.: RD695003

Subject: Parts Number Changed		Prepared by: Kei Kumamoto
From: 1st Tech. Service Section, MFP/P Tech. Service Dept.		

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier2

Old Part Number	New Part Number	Description	Q'ty	Int	Page	Index	Note
D6931221	D6931222	COVER:ARM	4	×/○	3		

Reason
Modified to strengthen the mainframe

5.D6931221
(x4)
COVER:ARM

Model: LCIT PB3230		Date: 12-Feb-15	No.: RD695004

Subject: Parts Change information		Prepared by: Yamada Yasutaka
From: 1st Tech Service Sect, MFP/P Tech Service Dept		
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Product Safety	☒ Part information ☐ Electrical ☐ Transmit/receive ☐ Other ( )	☐ Action required ☐ Service manual revision ☐ Retrofit information ☐ Tier 2

#	Old P/N	New P/N	Description	Q'ty	Int	Set
1	D6931119	**D6931325**	CASTER:LEFT FRONT:SUB-ASS'Y	1	X/X	-
2	D6931119	**D6931327**	CASTER:RIGHT FRONT:SUB-ASS'Y	1	X/X	-
3	D6931121	**D6931321**	CASTER:REAR:SUB-ASS'Y	1	X/X	-
4	D6931221	**D6931222**	COVER:ARM	1	X/O	-

Change:
1. The caster and plate were registered together as an assembly.
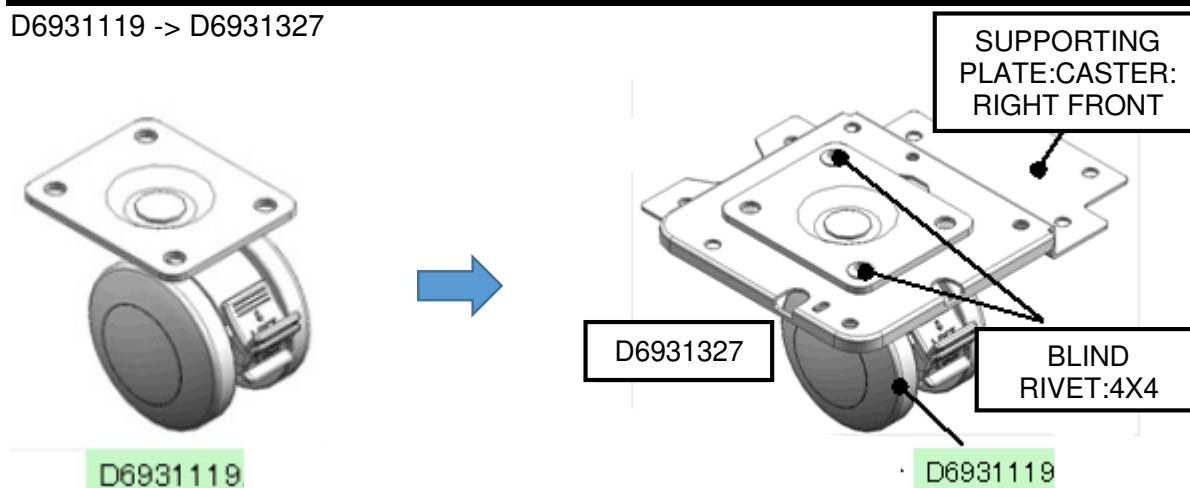2. The shape of the arm cover was changed.

Reason:
1. To improve the part's strength against shock vibration.
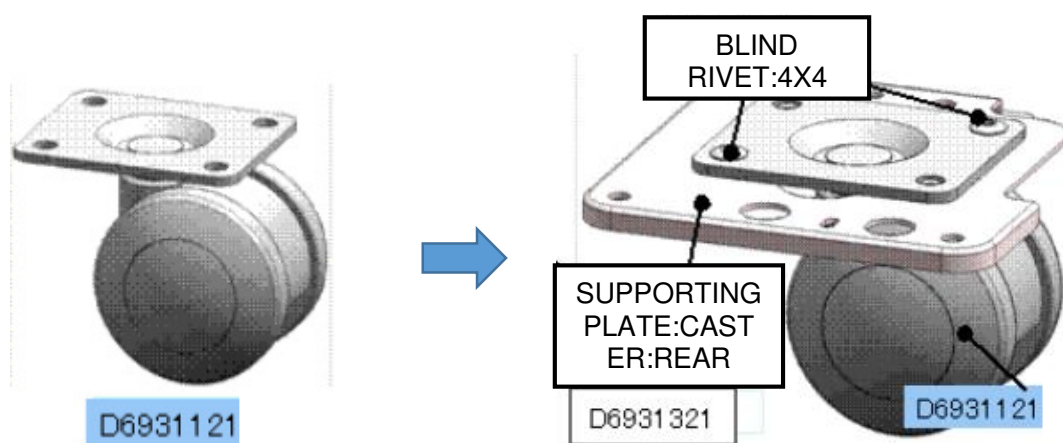2. To make the part easier to replace in the field.
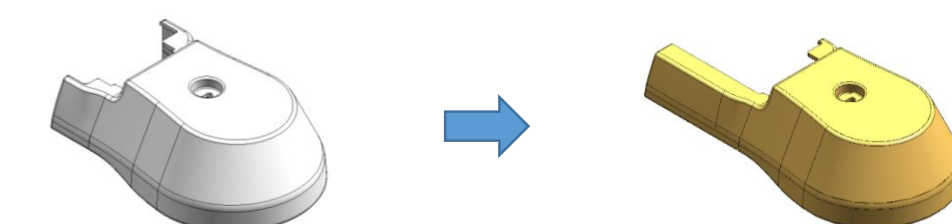
D6931119 -> D6931325

D6931119 -> D6931327

SUPPORTING PLATE:CASTER: RIGHT FRONT

D6931327

BLIND RIVET:4X4

D6931119

D6931119

D6931121 -> D6931321

BLIND RIVET:4X4

SUPPORTING PLATE:CASTER:REAR
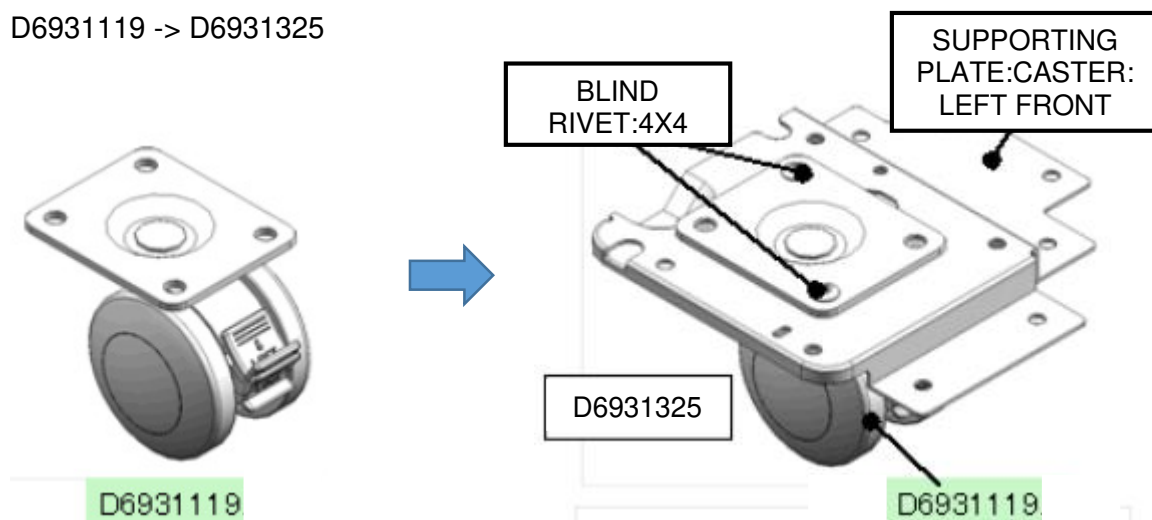
D6931321

D6931121

D6931121

D6931221 -> D6931222

Cut-in serial numbers:

Product code:	Product name:	GER:	Cut-in S/N
D69317	PB3160	NA/EU	E634Q318616
D69321	PB3160	CHN	E634Q480001
D69517	PB3230	NA	E644Q410001
D69521	PB3230	CHN	E644Q480001
D69527	PB3230	EU	E644Q331128
D78717	PB3210	EU/A	E974Q410001
D78721	PB3220	CHN	E974Q480001

Model: LCIT PB3230	Date: 3-Apr-18	No.: RD695005

Subject:Part catalog correction: Guide plate for PB3150/PB3160/PB3170/PB3230	Prepared by: H.Kameda
From: Technical Support Sect., Product Marketing Dept.	

Classification:	☐ Troubleshooting	☒ Part information	☐ Action required
	☐ Mechanical	☐ Electrical	☐ Service manual revision
	☐ Paper path	☐ Transmit/receive	☐ Retrofit information
	☐ Product Safety	☐ Other ( )	☐ Tier 2 ☐ Tier 0.5

Parts catalog correction1

Affected model: D694 (Paper Feed Unit: PB3150)

Old P/N	New P/N	Description	Q'ty	Int
D1492721	D6942721	GUIDE PLATE: SWIVEL	1-1	X/O

Change: The shape of the guide plate was changed.
Reason: To further strengthen and prevent breaking of the guide plate.

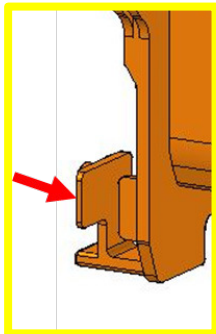|	Old D1492721	New D6942721
Shape		 1. Deleted stopper 2. Changed angle regulation 3. Strengthened part
Angle		

Model: LCIT PB3230	Date: 3-Apr-18	No.: RD695005

Procedure:

1. Release the hook and remove the guide plate.

2. Attach the guide plate by sliding it toward the right hole.

3. Hook the guide plate.

Parts catalog correction 2
Affected model: D693 (Paper Feed Unit: PB3160)

Old P/N	New P/N	Description	Q'ty	Int	Int
D6932526	D6932581	GUIDE PLATE:SWIVEL:No.3	1-0	X/O	X/O
	D6931157	CUSHION:GUIDE:SWIVEL:UPPER	0-1	-	-
	-	GUIDE PLATE:SWIVEL:NO.3	0-1	-	-
D6932725	D6932726	GUIDE PLATE:AUXILIARY:PAPER FEED UNIT	1-1	-	O/O

Change: Added cushions and changed the shape of the guide plate.
Reason: To further strengthen and prevent breaking of the guide plate.

 Important: Be sure to attach the above CUSHION when installing the paper guide plates.
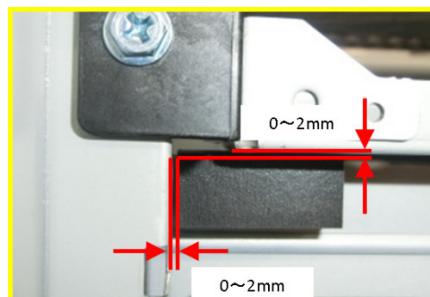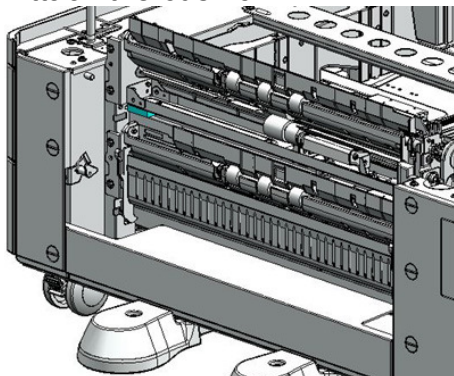
Procedure for UPPER GUIDE PLATE ASSYS
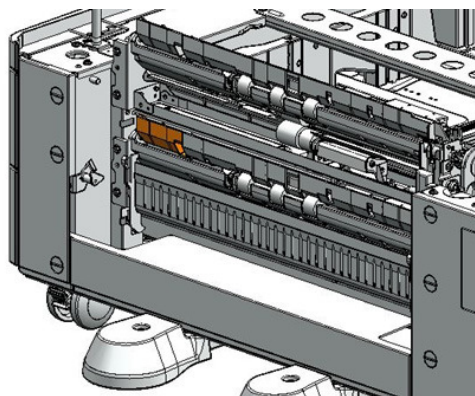
1. Remove the upper guide plate.
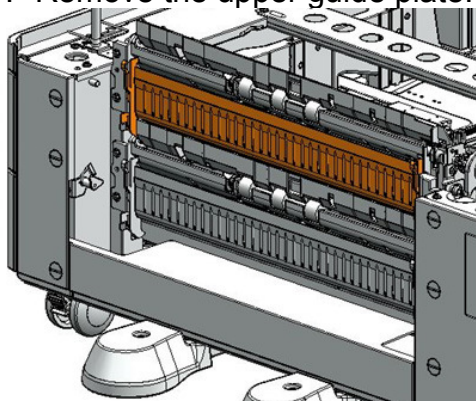
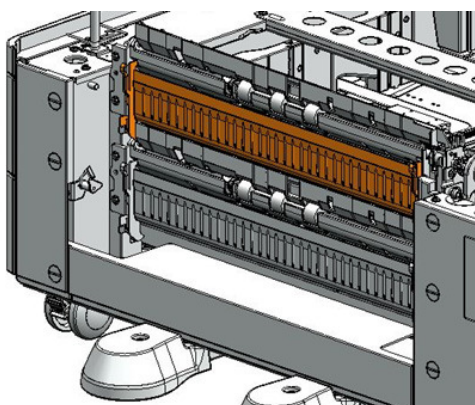2. Remove the auxiliary guide plate for the "lower paper guide:lower" (screws x1).
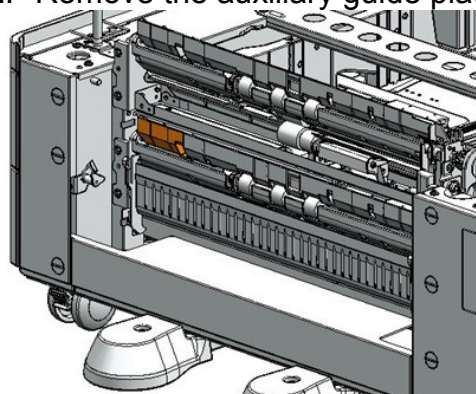
3. Attach the cushion.

4. Attach the auxiliary guide plate for the lower guide plate (screw x1).

5. Attach the upper guide plate.

| Model: | LCIT PB3230 | | Date: 3-Apr-18 | No.: RD695005 |

Old P/N	New P/N	Description	Q'ty	Int
D6932526	D6932582	GUIDE PLATE:SWIVEL:No.3	1-0	X/O
	└─ D6931257	CUSHION:GUIDE:SWIVEL:LOWER	0-1	-
	└─ -	GUIDE PLATE:SWIVEL:NO.3	0-1	-

Change: Added cushions and changed the shape of the guide plate.
Reason: To further strengthen and prevent breaking of the guide plate.
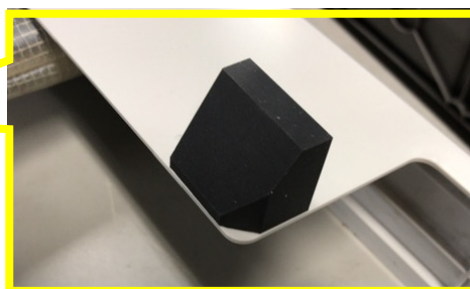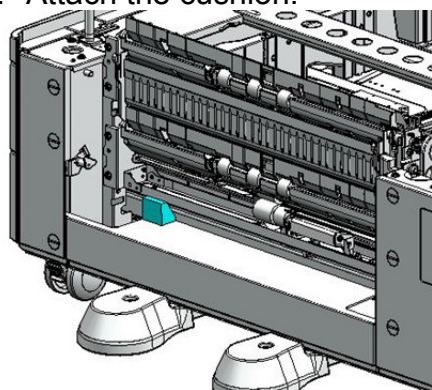
 Important: Be sure to attach the above CUSHION when installing the paper guide plates.
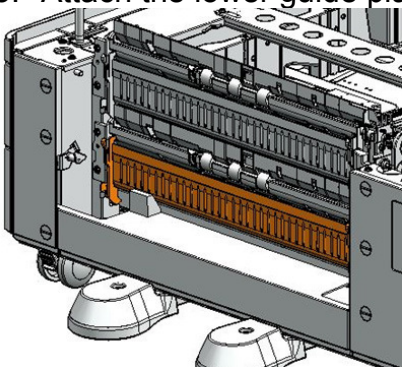
Procedure for LOWER GUIDE PLATE ASSYS

1. Remove the lower guide plate.
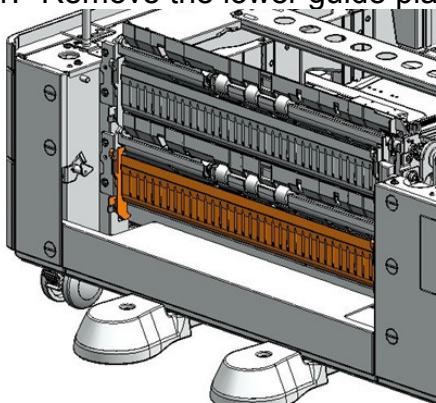
2. Attach the cushion.

3. Attach the lower guide plate.

Model: LCIT PB3230	Date: 3-Apr-18	No.: RD695005

Parts catalog correction 3
Affected model: D695 (LCIT: PB3230/PB3170)

| Old P/N	New P/N	Description	Q'ty	Int
D6932526	D6952581	GUIDE PLATE:SWIVEL:No.3	1-0	X/O
	└──── -	STOPPER:GUIDE PLATE:SWIVEL:ASS'Y	0-1	-
	└──── -	GUIDE PLATE:SWIVEL:ADHESION	0-1	-

Change: Added cushions and changed the shape of the guide plate.
Reason: To further strengthen and prevent breaking of the guide plate.
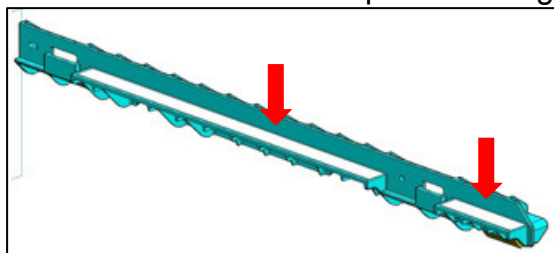
Important: Be sure to attach the above STOPPER, when installing the paper guide plates.
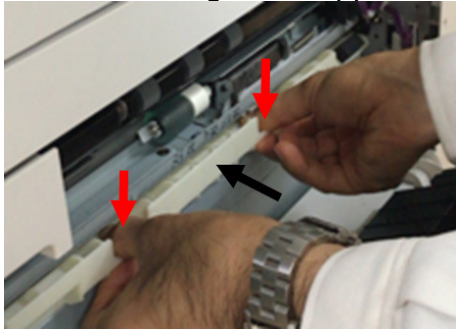
<u>Procedure</u>
1. Remove the guide plate.
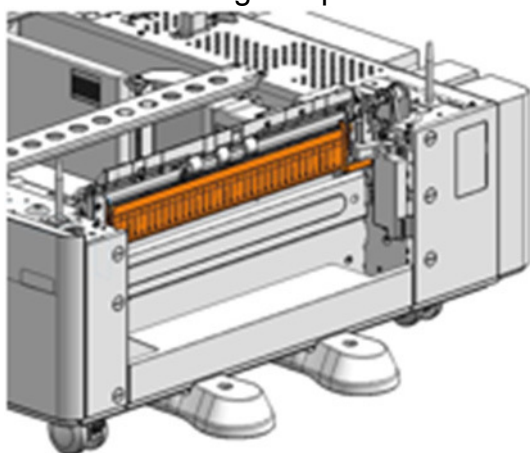
2. Remove the double tape from the guide stopper.

3. Attach the guide stopper.

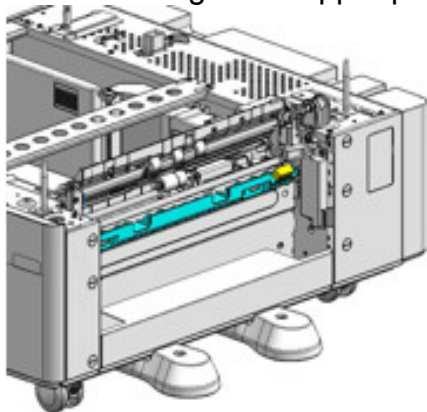| Model: LCIT PB3230	Date: 3-Apr-18	No.: RD695005

4. Attach the guide stopper.

5. Attach the guide plate stopper.

6. Attach the guide stopper plate.

7. Attach the guide plate.