Model: **Brz-P1**	Date: 23-May-16	No.: RM281002c

RTB Reissue

lics have

Subject: Firmware Release Note Dota	been corrected or added	Prepared by: T. Tachibana
From: 2nd 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 **Engine.**

Version	Program No.	Effective Date	Availability of RFU
01.05:01	M2815830A	May 2016 production	Available
01.04:01	M2815830	1st Mass production	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
01.05:01	Symptom corrected: The machine may freeze with "printing" displayed on the operation panel.
01.04:01	1st Mass production

HC model for USA/Europe

Version	Program No.	Effective Date	Availability of RFU
01.05a:01	*M2815830A_LR0817*	*1st Mass production*	*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
01.05a:01	*1st Mass production*

Reissued: 09-Nov-16

Model: **Brz-P1**	Date: 23-May-16	No.: RM281003c

RTB Reissue

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

Subject: Firmware Release Note: Engine(IPU)	Prepared by: T. Tachibana
From: 2nd 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 **Engine (IPU).**

Version	Program No.	Effective Date	Availability of RFU
1.04:04	M2815810C	November 2016 production	Available
1.03:04	M2815810B	June 2016 production	Available
1.02:04	M2815810A	1st Mass production	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

1.04:04	Symptom corrected:
	- Attempting to resolve an SC by power cycling the machine OFF/ON may cause an SC991.
	- ***Serial number information stored in SP5-811-001 is corrupted and the following may not work:***
	  - @Remote registration via external appliances
	  - User authentication in SDK application

1.03:04	Symptom corrected: SC670 may occur after running approximately 3500 jobs keeping the power ON continuously and not entering energy saver mode.
1.02:04	1st Mass production

RICOH

Technical Bulletin

Model: **Brz-P1**	Date: 23-May-16	No.: RM281006

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

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

Version	Program No.	Effective Date	Availability of RFU
1.00	M2815754B	1st Mass production	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
1.00	1st Mass production

RICOH

Technical Bulletin

Reissued: 11-Jan-17

Model: **Brz-P1**	Date: 23-May-16	No.: RM281007b

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

Subject: Firmware Release Note: Web Support	Prepared by: T. Tachibana
From: 2nd 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 **Web Support.**

Version	Program No.	Effective Date	Availability of RFU
1.02	***M2815750D***	***January 2017 production***	***Available***
1.01	M2815750C	December 2016 production	Available
1.00	M2815750B	1st Mass production	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
1.02	***Other changes:*** - ***Minor changes.***
1.01	Symptom corrected: - When downloading "Eco-friendly Counter" data in "Status/Information > Display Eco-friendly Counter", the SYSTEM counter data for that period is not included in the exported .csv file.
1.00	1st Mass production

Model: **Brz-P1**	Date: 23-May-16	No.: RM281008

Subject: Firmware Release Note: PowerSaving Sys		Prepared by: T. Tachibana
From: 2nd 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 **PowerSaving Sys.**

Version	Program No.	Effective Date	Availability of RFU
1.L3.06	M2815775A	1st Mass production	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
1.L3.06	1st Mass production

Reissued: 02-Dec-16

Model: **Brz-P1**	Date: 23-May-16	No.: RM281009b

RTB Reissue

The items in **_bold italics_** have been corrected or added.

Subject: Firmware Release Note: PCL	Prepared by: T. Tachibana
From: 2nd 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 **PCL.**

Version	Program No.	Effective Date	Availability of RFU
_1.04_	**_M2815759D_**	**_December 2016 production_**	**_Available_**
1.03	M2815759C	September 2016 production	Available
1.02	M2815759B	1st Mass production	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
_1.04_	**_Symptom corrected:_** **_1. PCL macros that were uploaded to the HDD cannot be printed. (GFPR#RE16080014)_** **_2. 2. When characters that contain the incorrect TrueType font data are printed, not only are incorrect characters missing but so are correct characters that follow incorrect characters. （GFPR#RE16030046）_**
1.03	Symptom corrected: Some lines of text and/or dotted lines might be missing when using the PCL overlay macro. (GFPR#RC16040013)
1.02	1st Mass production

Model: **Brz-P1**	Date: 23-May-16	No.: RM281010

Subject: Firmware Release Note: PS3			Prepared by: T. Tachibana
From: 2nd Tech Service Sect., MFP/Printer Tech Service Dept.			
Classification:	☐ Troubleshooting ☐ Mechanical ☐ Paper path ☐ Product Safety	☐ Part information ☐ Electrical ☐ Transmit/receive ☒ Other (Firmware)	☐ Action required ☐ Service manual revision ☐ Retrofit information ☒ Tier 2

This RTB has been issued to announce the firmware release information for the **PS3.**

Version	Program No.	Effective Date	Availability of RFU
1.00	M2815760A	1st Mass production	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
1.00	1st Mass production

Model: **Brz-P1**	Date: 23-May-16	No.: RM281012

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

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

Version	Program No.	Effective Date	Availability of RFU
1.34	M5005738	1st Mass production	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
1.34	1st Mass production

Model: **Brz-P1**	Date: 23-May-16	No.: RM281013

Subject: Firmware Release Note: PCL Font		Prepared by: T. Tachibana
From: 2nd 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 **PCL Font.**

Version	Program No.	Effective Date	Availability of RFU
1.10	M2815286	1st Mass production	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
1.10	1st Mass production

RICOH

Technical Bulletin

Model: **Brz-P1**	Date: 23-May-16	No.: RM281014

Subject: Firmware Release Note: PS3 Font	Prepared by: T. Tachibana
From: 2nd 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 **PS3 Font.**

Version	Program No.	Effective Date	Availability of RFU
1.19	M2815275	1st Mass production	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
1.19	1st Mass production

Model: **Brz-P1**	Date: 23-May-16	No.: RM281015

Subject: Firmware Release Note: Font EXP		Prepared by: T. Tachibana
From: 2nd 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 **Font EXP.**

Version	Program No.	Effective Date	Availability of RFU
1.00	M2815765	1st Mass production	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
1.00	1st Mass production

RICOH

Technical Bulletin

Reissued: 02-Mar-17

Model: Brz-P1, Brz-MF1, BR-C2, BR-P2, CH-C1 Office/***Pro,*** ***Cor-C1.5, Gim-MF1.5dM, GR-C3,*** MT-C6, MET-C2ab, MET-C2cde, MET-C2yz, ***MET-P2, Midas-P3, Vesta-P1d_15S***	Date: 23-May-16	No.: RD255020b

RTB Reissue

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

Subject: Firmware Release Note: OptionSD FONT	Prepared by: T. Tachibana
From: 2nd 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 **OptionSD FONT.**

Version	Program No.	Effective Date	Availability of RFU
0.00	D3BC5277	1st Mass production	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
0.00	1st Mass production

Model: Brz-P1/MF1	Date: 31-May-16	No.: RD255021

Subject: Supplementary information on the two engine firmware	Prepared by: T. Tachibana
From: 2nd 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 (firmware)	☐ Tier 2 ☐ Tier 0.5

This bulletin provides supplementary information on the engine firmware.

- There is two engine firmware for two engine boards.

Board name	Firmware name	Program No.	Explanation
BiCU	Engine (IPU)	D2555810	Engine board designed by Ricoh.
IOB	Engine	D2555830	Engine board designed by Supplier.

Technical **B**ulletin

RICOH

Reissued: 17-Jan-17

Model: Brz-P1	Date: 26-Aug-16	No.: RM281016a

RTB Reissue
  The item in **_Bold Italics_** has been added.

Subject: The default value of the "Permit SSL/TLS Communication" setting has been changed from "Ciphertext Priority" to "Ciphertext/Cleartext"	Prepared by: H. Morishima
From: 2nd Tech Support Sec. Service Support Dept.	

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

At Machine Installation

The default value of the "Permit SSL/TLS Communication" setting has been changed from "Ciphertext Priority" to "Ciphertext/Cleartext" depending on the Network Support firmware version:
- "Ciphertext Priority" will be the default in devices that have Network Support v15.57 or earlier installed from mass production.
- "Ciphertext/Cleartext" will be the default in devices that have Network Support v15.58 or later installed from mass production.

Note: Configurations will not be automatically changed when the firmware is updated.

Cut-in Serial Numbers

Network Support v15.58 has been applied to device in the factory as of the following serial numbers:

Name	Destination.	Product Code	Serial #
SP5300	NA	M281-17	Y026X702514~
	EU	M281-27	Y026X702717~
	AP	M281-29	Y026X804070~
SP5310	NA	M282-17	Y126X701633~
	EU	M282-27	Y126X702038~
	AP	M282-29	**_Y126X902509_**~

RICOH

Technical Bulletin

PAGE: 1/1

Model: Brz-P1	Date: 31-Aug-16	No.: RM281017

Subject: Parts Catalog Correction on Operation Panel	Prepared by: T. Tachibana
From: 2nd 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

Change/Reason: The following part numbers were corrected.

Correct part number	Description	Q'ty	Int	Page	Index	Note
M2811423	SHIELD LCD	1		4	21	
M2811492	HARNESS:FFC:SENSOR	1		4	22	
M1291470	PCB:4.3-P:SENSOR:ASS'Y	1		4	23	

Model: Brz-P1	Date: 6-Dec-16	No.: RM281018

Subject: Parts Catalog:EEPROM on IOB		Prepared by: T. Tachibana
From: 2nd 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

Change: The part is newly added.

Reason: The parts was missing from the parts catalog.

Part number	Description	Q'ty	Int	Page	Index	Note
D2555321	PARTS_IC_EEPROM	1		6	22	

2. Frames
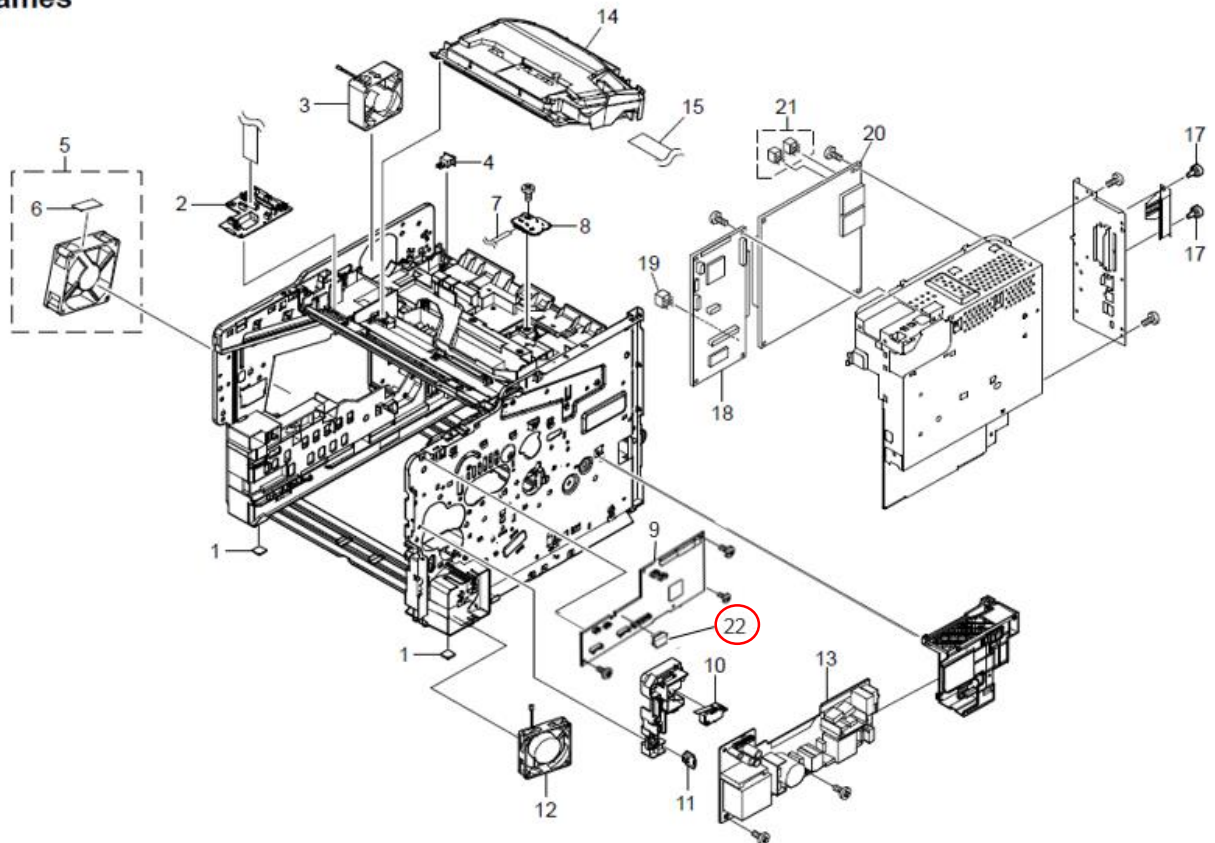
Model: Brz-P1	Date: 16-Dec-16	No.: RM281019

Subject: Parts Catalog Correction: Actuator deleted	Prepared by: H. Morishima
From: 2nd 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

Change: The illustration of the actuator outlined in red was deleted.

Reason: Brz-P1 does not have this actuator.

4. Paper Feed Section

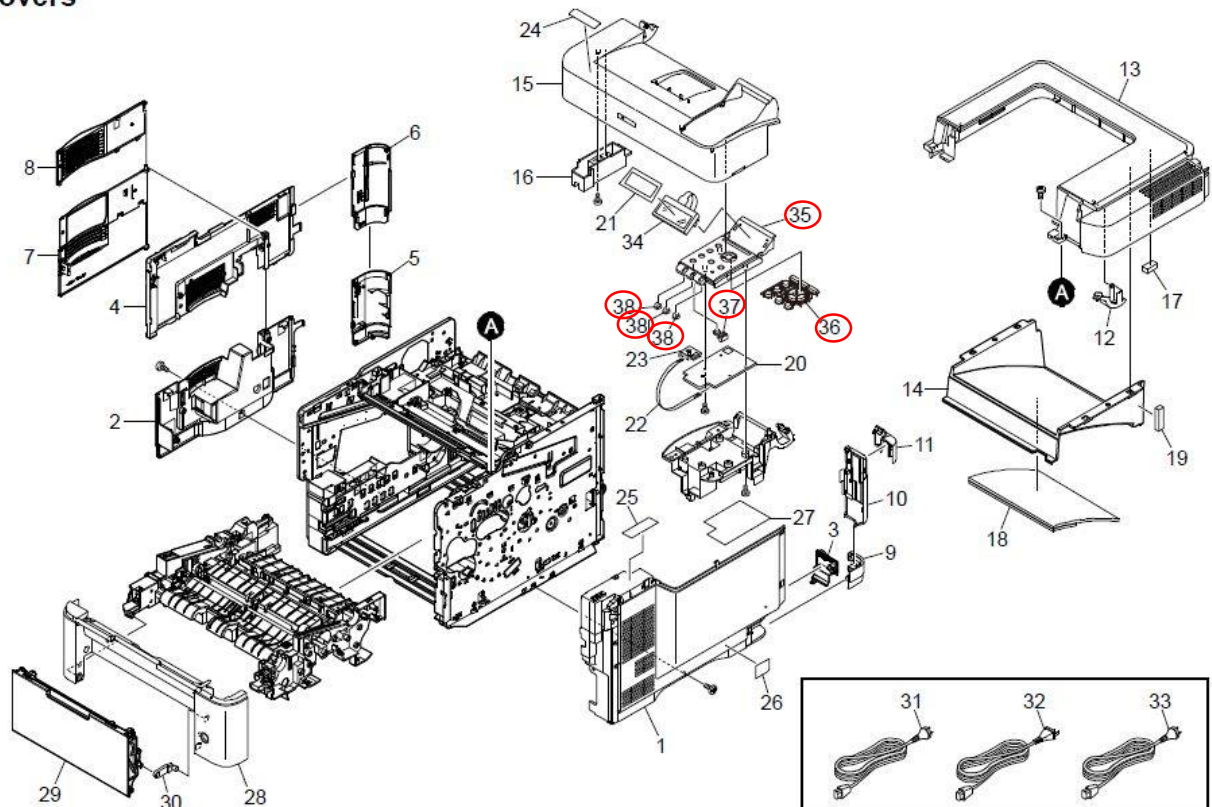| Model: Brz-P1	Date: 21-Jul-17	No.: RM281020

Subject: Parts Catalog correction: Operation panel	Prepared by: T.Tachibana
From: 2nd 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

Change: These parts are newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811420	LID OPERATION	1		4	35	
M2811424	KEY A	1		4	36	
M2811425	KEY PAUSE	1		4	37	
M2811427	LENS LED	3		4	38	

1.Covers

Model: Brz-P1	Date: 15-Sep-17	No.: RM281022

Subject: Parts Catalog correction: Paper feed tray size switch	Prepared by: T.Tachibana
From: 2nd 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

Change: These parts are newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2812860	SW.PUSH	1		6	23	

2. Frames

Model: Brz-P1	Date: 14-Sep-17	No.: RM281021a

RTB Reissue
The items in **bold italics** have been corrected.

Subject: Parts Catalog Correction for Guide Cassette R	Prepared by: T. Tachibana
From: 2nd 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

Change: The guide cassette has been registered as a service part.

Reason: To address the field inquiry.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
	M2811182	GUIDE CASSETTE R	0-1	-	20	14	

9. Drive Section
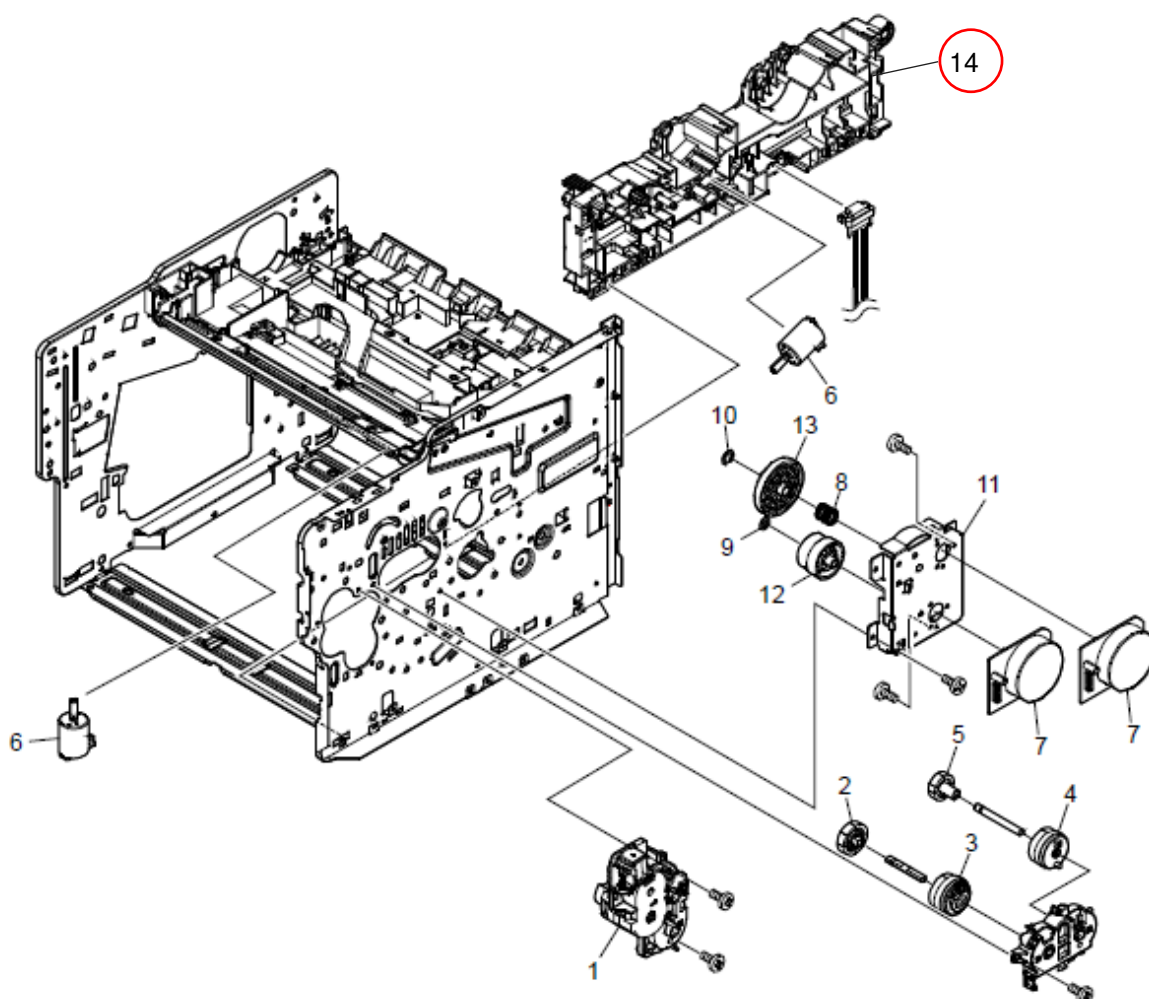
Reissued: 12-Oct-18

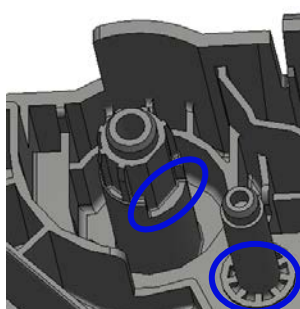| Model: Brz-P1	Date: 14-Sep-17	No.: RM281021a

Note:

The shafts circled in red have been modified because they may turn white or break. If the shafts are broken, SC501-01(Paper Feed Tray Lift Motor Error (Tray 1)) appears.
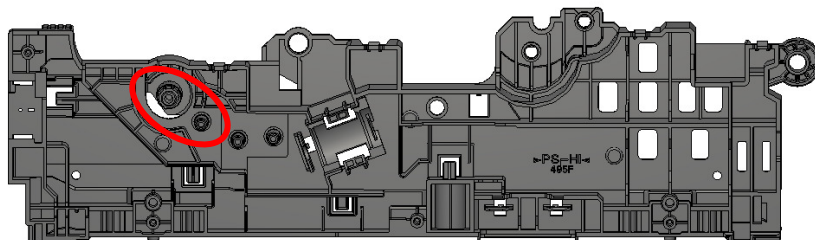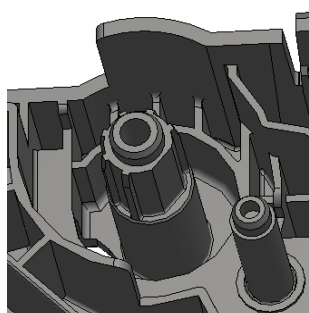
Old: New: The shape of the parts circled in blue have been modified.

Cut-In Serial Number:

The modified parts are provided as a service parts.

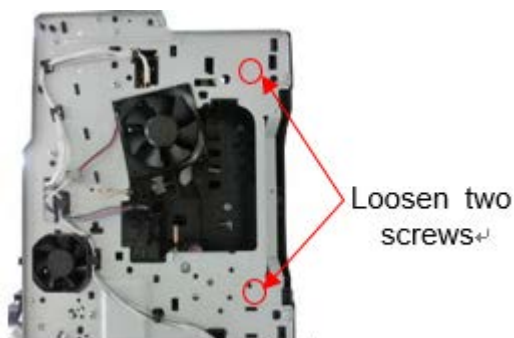| Product name	Destination	Code	Cut-in S/N
SP 5300DN	NA	M281-17	Y027X716486
	EU	M281-27	Y027X716870
	AA	M281-29	Y027X716822
	CHN	M281-21	*Y028Z100097*
SP 5310DN	NA	M282-17	Y127X704606
	EU	M282-27	Y127X704696
	AA	M282-29	Y127X704865
	CHN	M282-21	TBD

| Model: Brz-P1	Date: 14-Sep-17	No.: RM281021a

The procedure to replace the guide cassette:

1. Remove all covers except for the front cover.(FSM p256~)

2. Remove the fusing unit. (FSM p314~)

3. Remove the toner cartridge, development unit, and drum unit. (FSM p303~)

4. Remove the controller box.(FSM p354~)

5. Remove the PSU and PSU fan.(FSM p378~, p383~)

6. Loosen the two screws circled in red on the left frame, and remove bottom stay 1 & 2.(screw x7)

   Left frame (rotated 90 degrees):   From the bottom side of the machine:
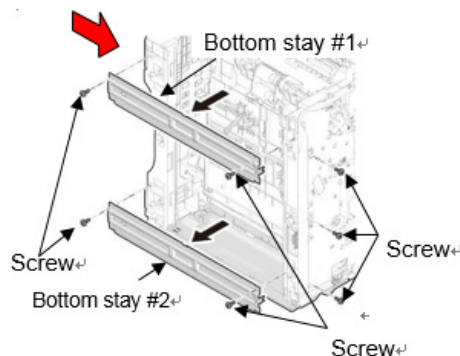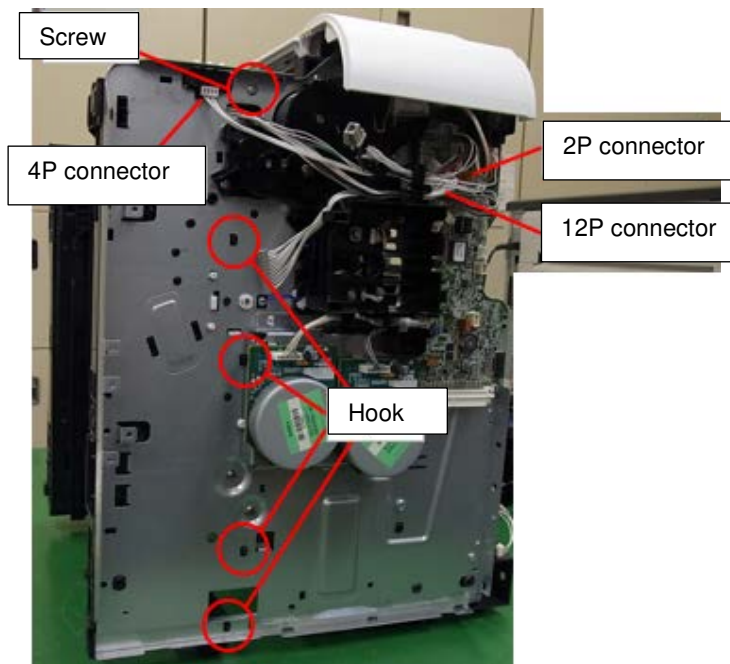

7. Remove the duplex unit.(FSM p335~)

8. Remove three connectors, release four hooks, remove a screw, and then remove the guide cassette installed inside this frame.
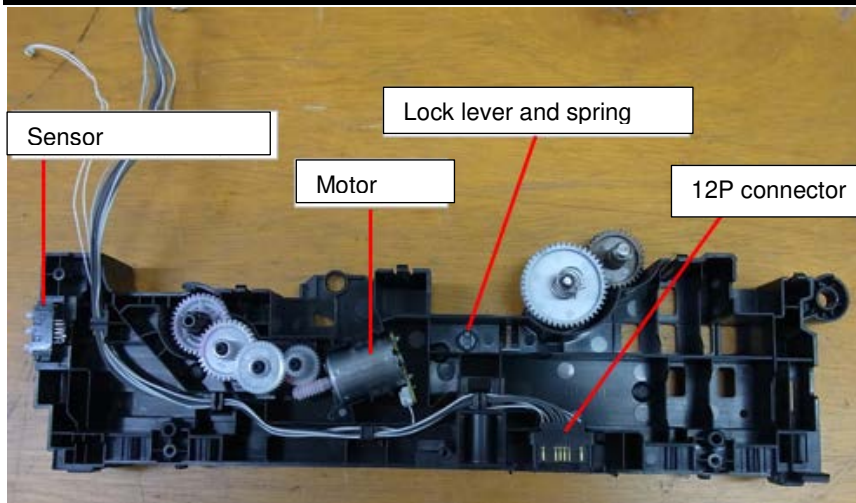

9. Reinstall the attached parts to the guide cassette to the new one.
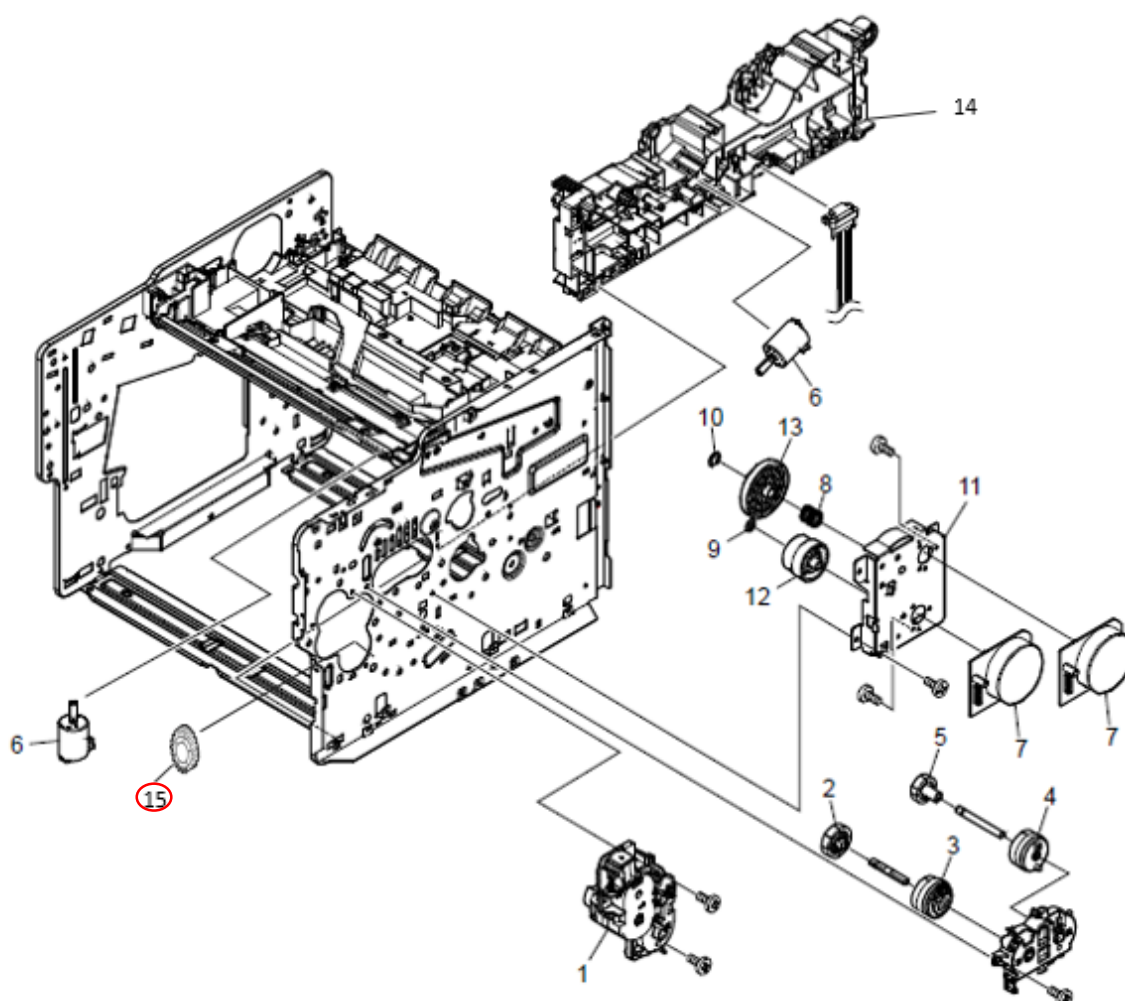
Model: Brz-P1	Date: 14-Sep-17	No.: RM281021a

Sensor

Lock lever and spring

Motor

12P connector

Model: Brz-P1	Date: 23-Oct-17	No.: RM281023

Subject: Parts Catalog correction: Gear of Guide Cassette R	Prepared by: T.Tachibana
From: 2nd 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

Change: This parts is newly added.

Reason: To meet requests received from the field.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
	M2811130	GEAR Z35S-Z13S B	0-1	-	20	15	

9. Drive Section

Model: Brz-MF1/P1	Date: 28-Jul-16	No.: RD255027

Subject: FSM correction on after replacement of development unit	Prepared by: T. Tachibana
From: 2nd 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 ☐ Tier 0.5

Service Manual Correction:

Please add the following descriptions **in bold** to your field service manual.

4. Replacement and Adjustment > Development Unit (P.305~)

After replacement of development unit:

1. Execute SP3-900-001 to supply toner to the development unit.

Model: Brz-MF1/P1	Date: 23-Aug-16	No.: RD255029

Subject: FSM correction: SC636-01 description added	Prepared by: H. Morishima
From: 2nd 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 ☐ Tier 0.5

Description of SC636-01 was added to the following section of the field service manual:

6. Troubleshooting > Service Call 622-691 > SC600 (Controller) (p.531)

SC No.	Type	Error Name/Error Condition/Major Cause/Solution
SC636-01	D	IC Card Error (Expanded authentication module error)
		Issued when expanded authentication management is set to "ON" but either of the following occur. • There is no expanded authentication module in the machine. • The SD card or the file of the expanded authentication module is broken. • There is no DESS module in the machine.
		• There is no DESS module in the machine (models on which the function is optional). • There is no expanded authentication module in the machine. • The SD card or the file of the expanded authentication module is broken.
		• Set a working SD card/expanded authentication module file. • Install the DESS module. • In the SSP mode set SP5-401-160 to "0". • In the SSP mode, set SP5-401-161 to "0". • Replace the NVRAM.

RICOH

Technical Bulletin

Model: Brz-MF/P	Date: 29-Aug-16	No.: RD255031

Subject: FSM correction on After Installing the HDD	Prepared by: T. Tachibana
From: 2nd 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 ☐ Tier 0.5

Service Manual Correction:

Please apply the following corrections to your service manual.

2. Installation > Enhanced Security HDD Option Type M10 (D792-09)
   > Installation Procedure (MP 501/601) > After Installing the HDD (P109 ~)

After Installing the HDD

4. Turn the main power OFF/ON after a message tells you formatting is finished.

5. Enter the SP mode.

6. Execute SP5-853-001 to copy the preset stamp data from the firmware to the hard disk.
    Follow the instructions on the screen. This will require three or four minutes.

7. ~~Execute SP5-846-040 to copy the address book to the hard disk from the controller board.~~

8. ~~Execute SP5-846-041 to let the user have access to the address book.~~

9. Turn the main power OFF/ON.

2. Installation > Enhanced Security HDD Option Type M10 (D792-09)
   > Installation Procedure (SP 5300/5310) > After Installing the HDD (P126 ~)

2. Installation > Hard Disk Drive Option Type P8 (M500-05) (SP 5300/5310 Only)
   > Installation Procedure > After Installing the HDD (P143 ~)

After Installing the HDD

1. Connect the power cord and turn ON the main power.

   The message "Hard Disk is replaced. Format Hard Disk." is displayed.

2. Select [Format]. The message "Formatting Hard Disk...Please wait, also make sure the main power switch is not turned off." is displayed.

3. Wait for the machine to finish formatting the hard disk.

   ⭐ **Important**

   - Do not touch the power switch while the hard disk format is in progress. Wait for the machine to tell you that the formatting is finished. When the formatting is finished, the message "Hard Disk is formatted. Turn main power switch off then on" is displayed.

4. Turn the main power OFF/ON after the message tells you formatting is finished.

5. ~~Enter the SP mode.~~

6. ~~Execute SP5-846-041 to let the user have access to the address book.~~

7. ~~Turn the main power OFF/ON.~~

Model: Brz-MF1/P1	Date: 18-Nov-16	No.: RD255039

Subject: FSM correction on the engine firmware type	Prepared by: H. Morishima
From: 2nd 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 ☐ Tier 0.5

Service Manual Correction:

Please apply the following corrections to your service manual.

< MP501/601 >
5. System Maintenance > Firmware Update > Firmware type (P.404)

MP 501/601

Firmware type	Firmware position	Message display
FONT (Font EXP)	Controller board	GW13e_prt_SAMf
FONT1 (PCL Font)	Controller board	GW3a_pcl_fntl
FONT2 (PS3 Font)	Controller board	GW2e_prt_psfnt8
Engine	~~BiCU~~ **IOB**	BRMF1a_eplot
Engine (IPU)	BiCU	BRMF1a_eipu

< SP5300/5310 >
5. System Maintenance > Firmware Update > Firmware type (P.405)

SP 5300/5310

Firmware type	Firmware position	Message display
FONT (Font EXP)	Controller board	GW13e_prt_SAMf
FONT1 (PCL Font)	Controller board	GW3a_pcl_fntl
FONT2 (PS3 Font)	Controller board	GW2e_prt_psfnt8
Engine	~~BiCU~~ **IOB**	BRP1a_eplot
Engine (IPU)	BiCU	BRP1a_eipu

Model: Brz-MF1/P1(for NA/EU only)	Date: 30-Jan-17	No.: RD255045

Subject: FSM/Parts Catalog revision for HC model	Prepared by: T. Tachibana
From: 2nd 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 ☐ Tier 0.5

For NA/EU only

The following new HC models, targeting only the NA/EU market, will be added to the MF501SPF/SP 5300DN/ PB1100 series.

NA:

Product Code	Product Name	Differences between the HC model and standard models:
D255-17	MP 501SPF TL	- Paper Tray with key and lock
M281-17	SP 5300DN TL	- Side fences with Teflon tapes
D3C2-01	Paper Feed Unit PB1100TE	- Paper Tray with key and lock
D3C2-01	Paper Feed Unit PB1100LE	- Side fences with Teflon tapes

EU:

Product Code	Product Name	Differences between the HC model and standard models:
D255-27	MP 501SPF	
M281-27	SP 5300DN	- Side fences with Teflon tapes
D3C2-01	Paper Feed Unit PB1100	

Due to this addition, the FSM and Parts Catalog were revised.

Note that the following component is unique to the standard models:

- Tray cassette

Field Service Manual Revision for HC model:

2. Installation >Main Machine Installation > Installation Procedure (P29~)

Installation procedure (for HC model only)

Print settings for label paper (including wristbands) are not available under Paper Type. If your customer prints on label paper, please instruct them to select "Middle Thick" as paper type on both the driver and the machine.

⭐ Important

On the machine, set the paper type as "Middle Thick" for the tray loaded with label paper.

> [User Tools] > [Machine Features] > [System Settings] > [Tray Paper Settings] > [Paper Type: Tray #] > [Paper Thickness] > [Middle Thick]

⭐ Important

Instruct the user to select "Middle Thick" as paper type on the printer driver when printing on label paper.

6. Troubleshooting >Troubleshooting Guide > Image Quality (P585~)

Troubleshooting Guide (for HC model only)

Symptom
- White spots / Black spots appear on the printouts in 96mm pitch.
- Black spots appear on the printouts in 30mm pitch.

Cause
Adhesives contained in label paper adhere to the drum, and then to the charge roller.

Solution
1. Set A4 (or LT) paper on the bypass tray and execute "Drum Refresh" mode.
   MP 501: [User Tools] > [Machine Features] > [Maintenance] > [Drum Refresh]
   SP 5300: [Menu] > [Quality Maintenance] > [Drum Refresh]

2. Remove the charge roller unit and clean the surface of the roller with dry cloth.

| Model: Brz-MF1/P1(for NA/EU only) | Date: 30-Jan-17 | No.: RD255045 |

Parts Catalog Revision for HC model:
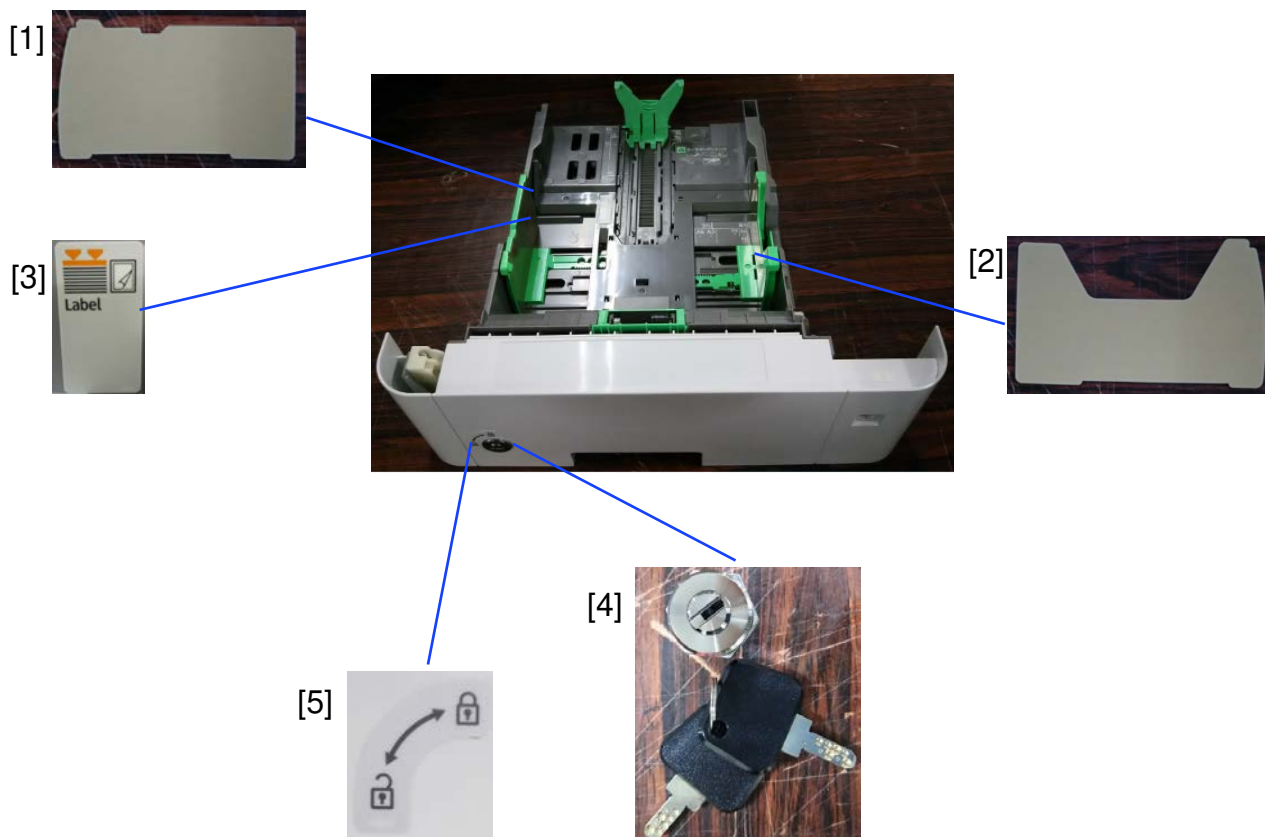
Index No.	Part No.	Description	Q'ty	Note 1 (Destination)	Note 2 (Machine Code)
1	D3DC2841	SHEET:SIDE FENCE:LEFT	1	NA / EU	D255-17/ D255-27/ M281-17/ M281-27/ D3C2-01
2	D3DC2842	SHEET:SIDE FENCE:RIGHT	1	NA / EU	
3	D3DC2843	DECAL:SIDE FENCE	1	NA / EU	
4	D3DC2891	KEY:SN-711-8-D:SPECIAL ORDER	1	NA	D255-17/ M281-17/ D3C2-01
5	D3DC2894	DECAL:KEY	1	NA	

Note: The key (p/n: D3DC2891) comes with two spare keys.

Model: Brz-MF1/P1	Date: 17-Mar-17	No.: RD255048

Subject: FSM correction: Type of SC819	Prepared by: H. Morishima
From: 2nd 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 ☐ Tier 0.5

Service Manual Correction:

Please delete following descriptions ~~crossed out~~ in red and add the descriptions **in bold** to your field service manual.

6. Troubleshooting > Service Call 816-899 > SC800 (Controller) (P.540~)

No.	Type	Error Name/Error Condition/Major Cause/Solution
SC819-00	~~D~~ **C**	Kernel halt error [xxxx]: Detailed error code
		Due to a control error, a RAM overflow occurred during system processing. One of the following messages was displayed on the operation panel.

Note:

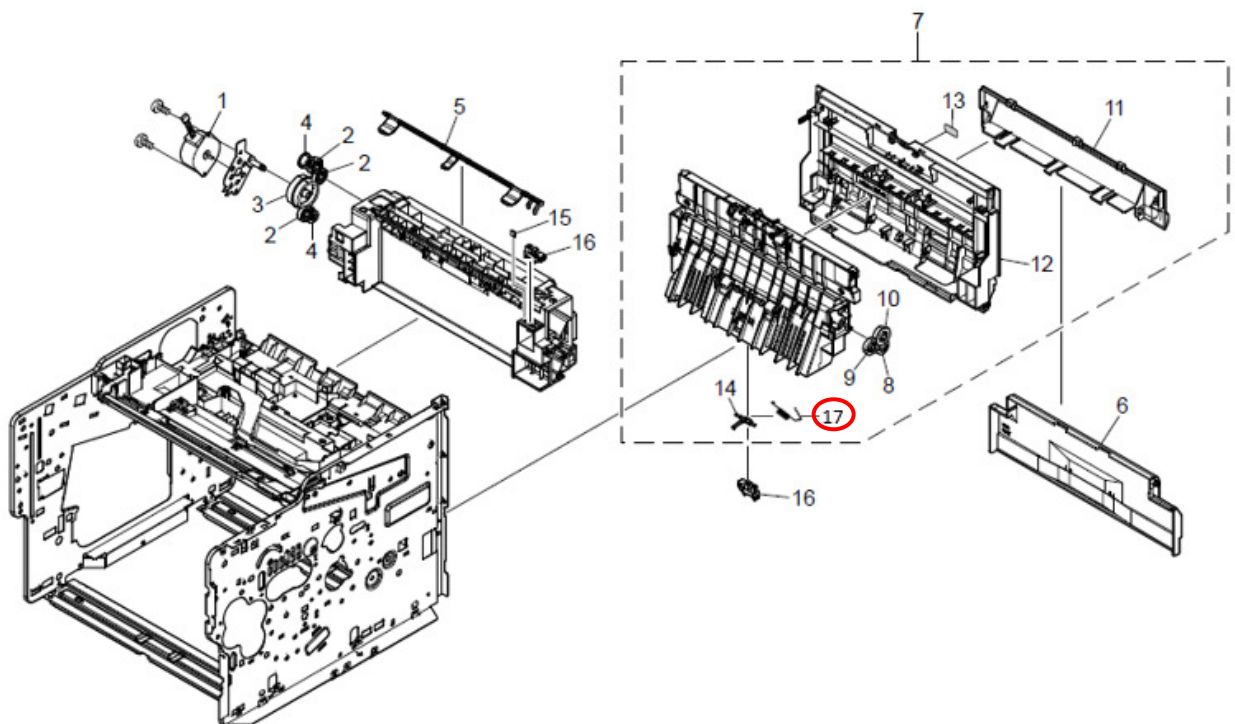**SC819 appears on the operation panel, and then logged after the machine automatically reboots.**

Model: Brz-P1	Date: 16-Apr-18	No.: RM281024

Subject: Parts Catalog Correction: SPRING ACTUATOR DU	Prepared by: T. Tachibana
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

Change: A new part has been added.

Reason: To make it possible to replace the spring individually when a duplex jam occurs (Jam code: 86).

Part number	Description	Q'ty	Int	Page	Index	Note
M2814458	SPRING ACTUATOR DU	1		18	17	

8. Exit Section

RICOH   **T**echnical **B**ulletin   PAGE: 1/1

Model: Brz-P1	Date: 11-May-18	No.: RM281025

Subject: Parts Catalog correction: Duplex clutch	Prepared by: T.Tachibana
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

Change: The duplex clutch is newly added.

Reason: This part was missing from the parts catalog.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811127	PARTS CLUTCH 20-2W Z35R	1-2	-	20	4	

9. Drive Section

Model: Brz-P1	Date: 3-Jul-18	No.: RM281026

Subject: Parts Catalog Correction: EXIT UNIT	Prepared by: T. Tachibana
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

Change: A new part has been added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2824457	PARTS EXIT UNIT SP	1		18	18	

8. Exit Section

Model: Brz-P1	Date: 19-Jul-18	No.: RM281027

Subject: Parts Catalog Correction: ARM COUPLING	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

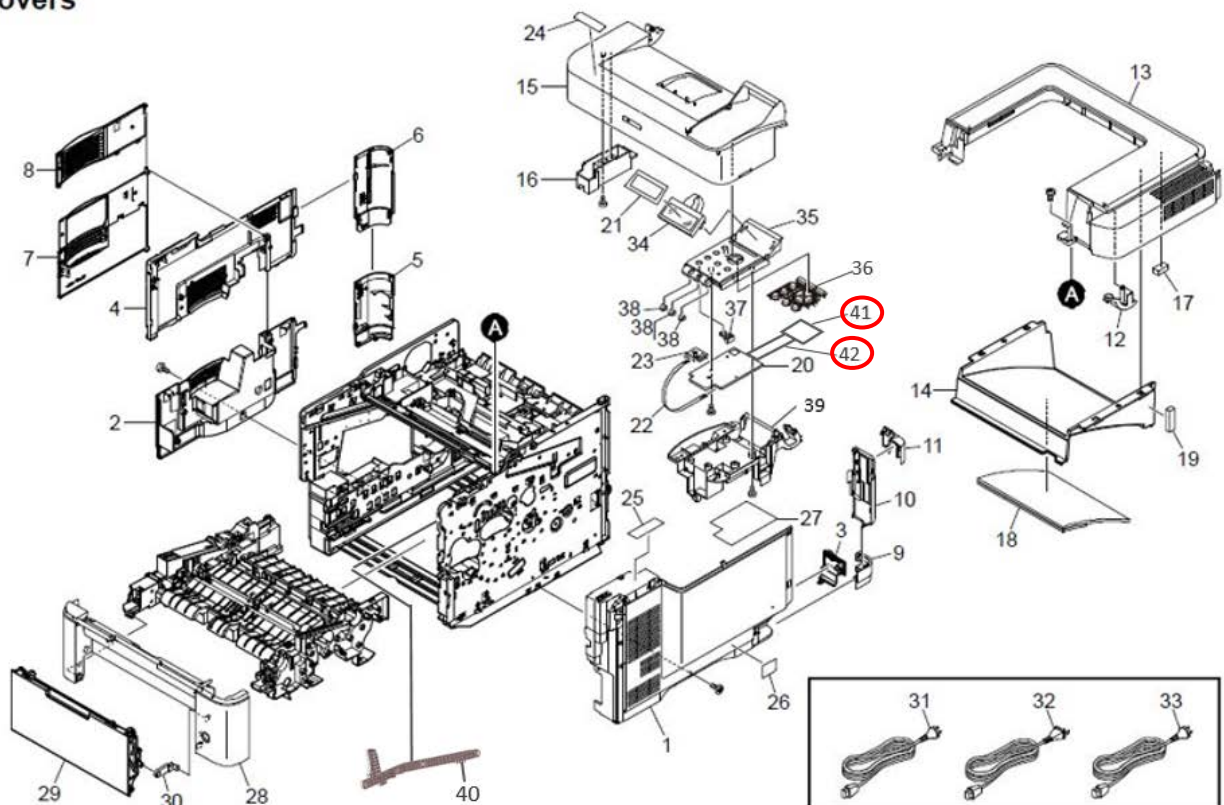| Part number	Description	Q'ty	Int	Page	Index	Note
M2811139	ARM COUPLING	1		4	40	

1.Covers

Model: Brz-P1	Date: 23-Aug-18	No.: RM281028

Subject: Parts Catalog Correction: Thermistor PCB (Temperature Sensor)	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811430	PARTS PWB ASSY THERMISTOR SP (Temperature Sensor)	1		4	41	
M2815403	HARNESS:PANEL-THERM	1		4	42	

1.Covers

Model: Brz-MF1/P1	Date: 4-Sep-18	No.: RD255066

Subject: FSM correction: SC302, SC322	Prepared by: T. Tachibana
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 ☐ Tier 0.5

Service Manual Correction:

Please add the descriptions **in blue** to your field service manual.

6. Troubleshooting > Service Call 303-396 > SC300 (Engine: Imaging 1: Charge, Development) (P.489)

SC No.	Type	Error Name/Error Condition/Major Cause/Solution
SC302-00 SC303-00	D C	Charger Current Error
		When the charging voltage is applied by changing the voltage in three levels, the current value is less than 20uA in one of three levels.
		▪ Connector defective or disconnected ▪ Power pack defective ▪ IOB defective

		▪ Connector defective or disconnected
		Reconnect the following connectors. Then perform a conduction inspection. If there is no conduction, replace the connector.
		  ▪ Drum Unit – Power Pack connector
		  ▪ Power Pack – IOB connector
		▪ Power pack defective
		Replace the power pack.
		▪ IOB defective
		Replace the IOB.

Note: SC302 or SC303 might occur under the error conditions listed above.

SC No.	Type	Error Name/Error Condition/Major Cause/Solution
SC321-00 SC322-00	C D	Development Unit Non-Installing Error
		The sensor output value is 31 or less continuously for 5 seconds.

Model: Brz-MF1/P1	Date: 4-Sep-18	No.: RD255066

SC No.	Type	Error Name/Error Condition/Major Cause/Solution
		- Connector defective or disconnected - Toner density sensor defective - Connect-Left PCB defective - IOB defective
		- Connector defective or disconnected Reconnect the following connectors. Then perform a conduction inspection. If there is no conduction, replace the connector. - Development Unit – Drum PCB connector - Drum PCB – Drum Connection PCB connector - Drum Connection PCB – Connect-Left PCB connector - Connect-Left PCB – IOB connector - Toner density sensor defective Replace the toner density sensor. - Connect-Left PCB defective Replace the Connect-Left PCB. - IOB defective Replace the IOB.

Note: SC321 or SC322 might occur under the error conditions listed above.
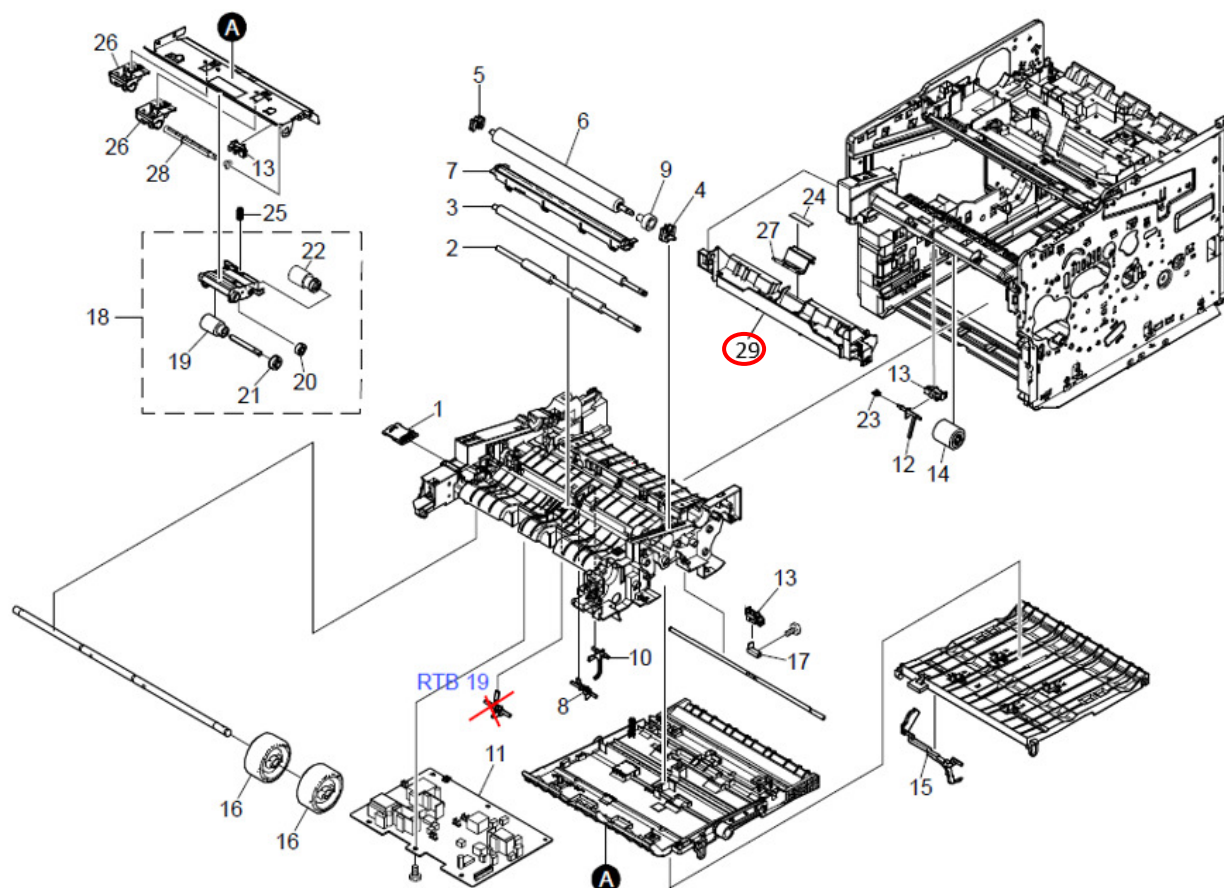
Technical Bulletin

Model: Brz-P1	Date: 19-Dec-18	No.: RM281030

Subject: Parts Catalog Correction: GUIDE TURN MPF	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2812851	GUIDE TURN MPF A	1		10	29	

4. Paper Feed Section

Technical Bulletin

Model: Brz-P1	Date: 19-Dec-18	No.: RM281031

Subject: Parts Catalog Correction: GUIDE CASSETTE L	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811183	GUIDE CASSETTE L	1		20	16	

9. Drive Section
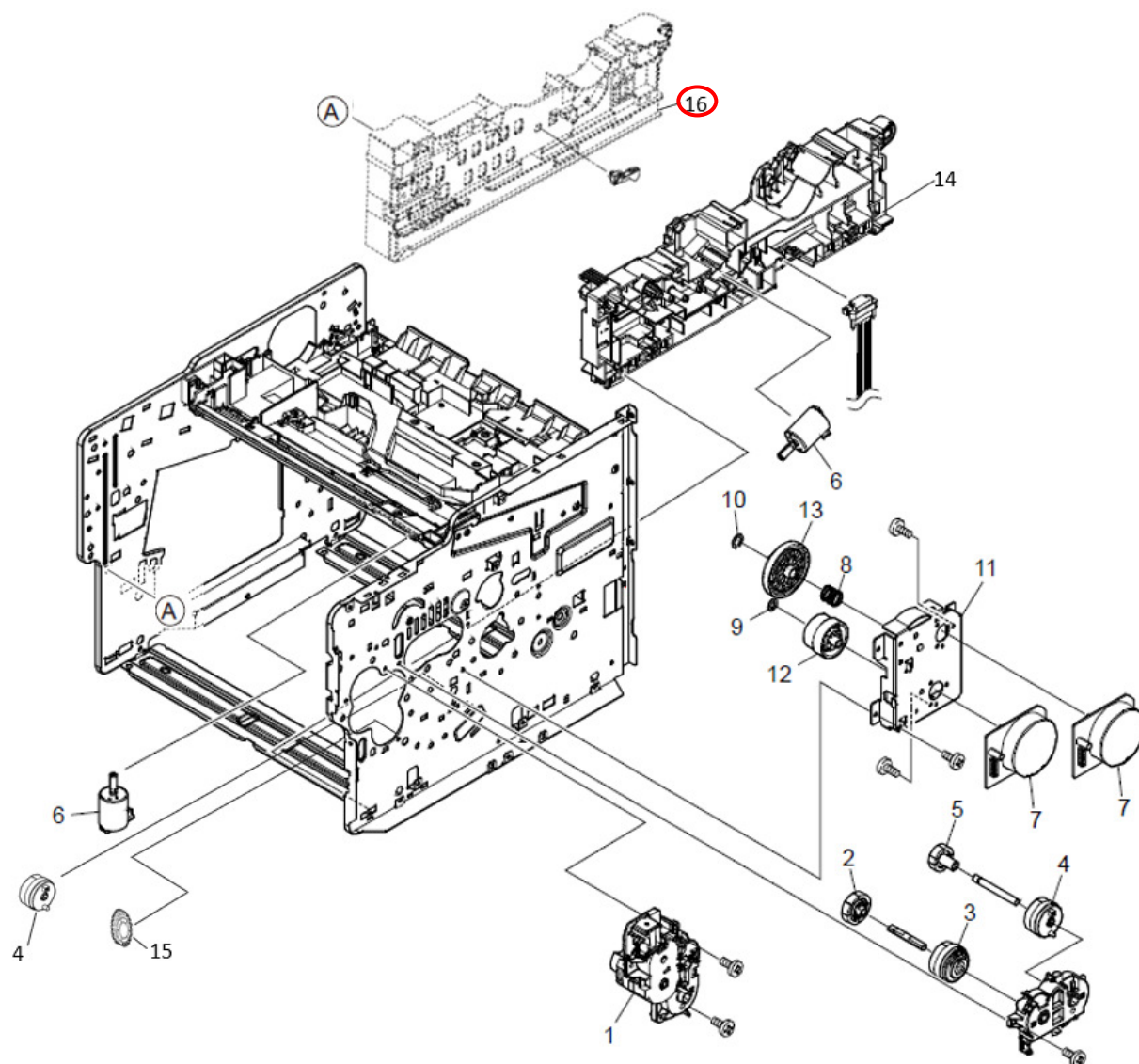
Technical Bulletin

Reissued: 19-Feb-19

Model: Brz-P1	Date: 14-Feb-19	No.: RM281032a

RTB Reissue
The items in **bold italics** were corrected or added.

Subject: SC995-02 cannot be reset	Prepared by: J. Mochizuki
From: Overseas Field Info Sec., OP/OS PQM Dept	

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

SYMPTOM

SC995-02 cannot be reset after replacing the NVRAM (M2819590) on the controller board with the service parts NVRAM.

CAUSE

Firmware bug: SP5-811-001 does not work correctly.

   Note: This SP is used to program the serial number once a new NVRAM is installed.

SOLUTION

The **System** firmware was modified to fix this bug.

In the field:
If the symptom occurs,
1. Install **System** version 1.12 or later.
2. Turn the main power switch OFF/ON.
3. If the symptom still occurs, reboot the machine again.

   Note:
      -   The firmware can be installed while the SC is displayed.
   -   You do not need to do SP5-811-001 after installing ver. 1.12.

Technical Bulletin

Model: Brz-P1	Date: 22-Feb-19	No.: RM281033

Subject: Parts Catalog Correction: Paper Cassette (Dial Label)	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811316	LABEL_DIAL	1		8	22	

3. Paper Cassette
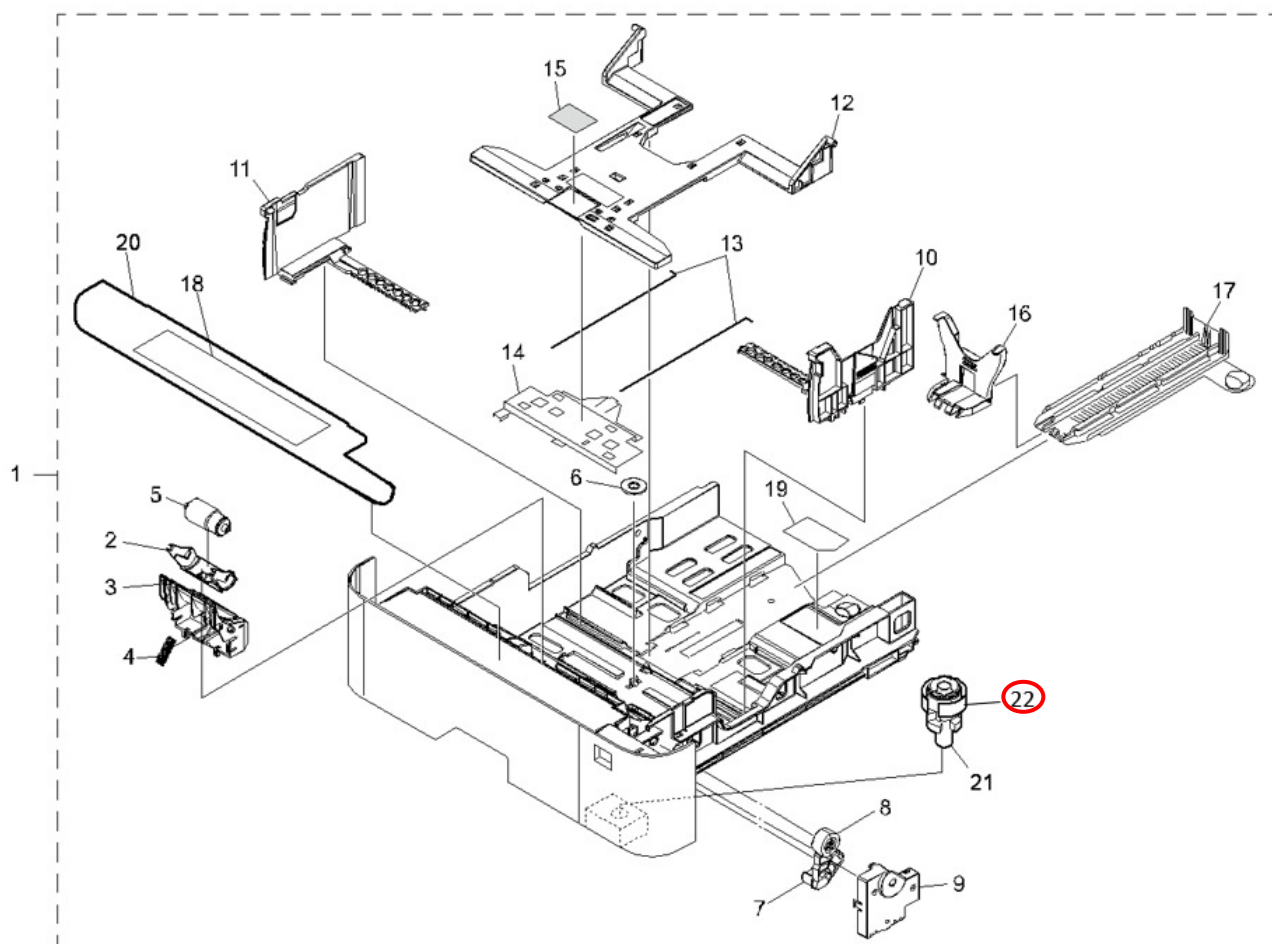
Reissued : 4-Apr-19

Model: Brz-MF1/P1	Date: 15-Mar-19	No.: RD255075a

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

Subject: Smell reduction fan	Prepared by: T. Tachibana
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 ☐ Tier 0.5

SYMPTOM

The machine sometimes gives off an unpleasant, chemical smell.

CAUSE

This machine only contains intake fans. Smells generated inside the machine, such as the smell of heated toner, are released through the paper exit.

SOLUTION

Install the smell reduction fan.

Part number	Description	Q'ty	Int	Page	Index	Note
M2810081	FILTER:FAN:ASS'Y	1				

Note 1: The fan continues to run when the machine is in sleep mode.

Note 2: The power consumption is 0.90 W.

Note 3: If the filter needs to be replaced after installation, please check the parts information below.

Part number	Description	Q'ty	Note
M2812415	FILTER:NHC-MKB2:198X52.5	1	Part #2 in the Accessory Check in Installation

Reissued : 4-Apr-19

Model: Brz-MF1/P1	Date: 15-Mar-19	No.: RD255075a

Installation:

Accessory Check

No.	Description	Q'ty
1	Deodorant Fan	1
2	Filter	1
3	Cover (only for the Printer model)	1

Installation Procedure

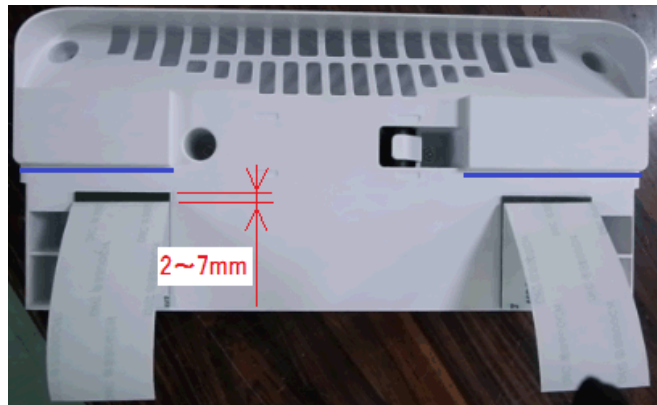1. Place the Filter in the Deodorant Fan.

Model: Brz-MF1/P1	Date: 15-Mar-19	No.: RD255075a

2.   Pull 2~7 mm of tape and fold it as shown below.

3.   (**MF model only**) Align the blue line on the fan with the red line on the mainframe to make sure the fan is placed correctly.
Fan (Underside):

Mainframe (Rear side):

Model: Brz-MF1/P1	Date: 15-Mar-19	No.: RD255075a

4. (**Printer model only**) Align the blue line on the fan (shown in #2) with the red circle on the mainframe. Then, align the cover with the green circles.
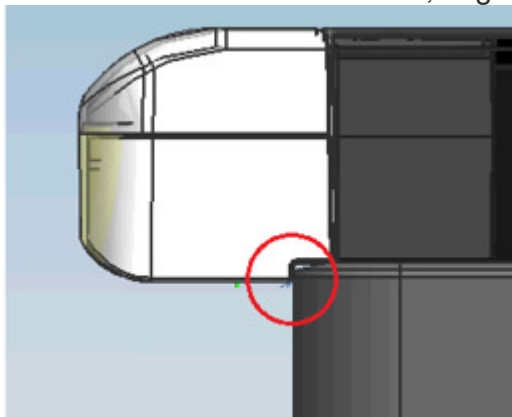
5. Pull out the tape slowly from the front of the machine.
MF model: Printer model:

6. Connect the USB cable.
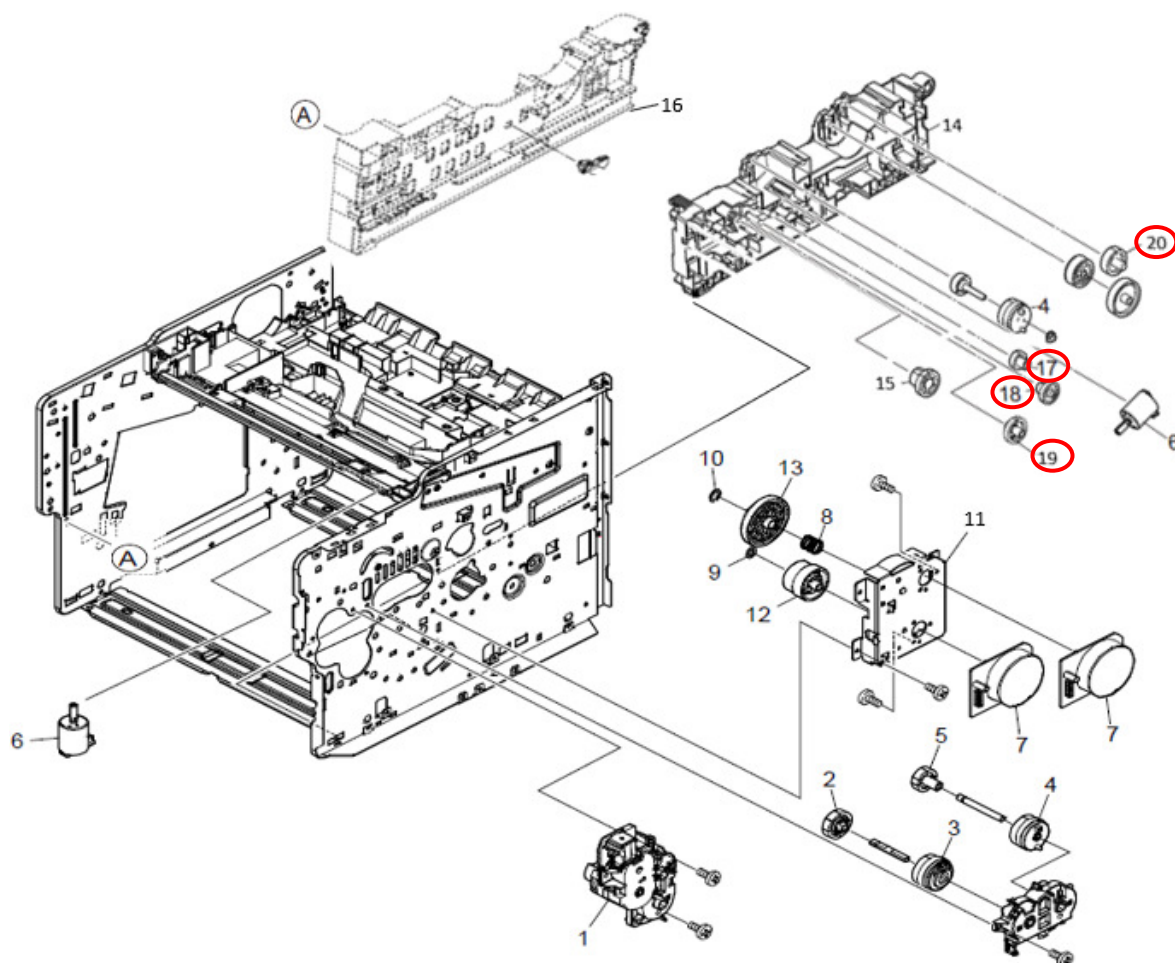MF model: Printer model:

RICOH

Technical Bulletin

Model: Brz-P1	Date: 17-Apr-19	No.: RM281034

Subject: Parts Catalog Correction: Duplex parts		Prepared by: T. Tachibana
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

Change: These parts are newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2812852	BASE_DU	1		10	30	
M2817502	GUIDE DU	1		10	31	
M2817503	PULLEY PA	4		10	32	
M2817504	SPRING DU	4		10	33	
M2816684	LEVER_DU_RELEASE	1		10	34	

4. Paper Feed Section

Model: Brz-P1	Date: 17-Apr-19	No.: RM281035

Subject: Parts Catalog Correction: Gears in Guide Cassette R	Prepared by: T. Tachibana
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

Change: These parts are newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2812543	GEAR Z36L-Z20S	1		20	17	
M2812542	GEAR Z46S-Z13S	1		20	18	
M2812541	GEAR Z34S-Z13S	1		20	19	
M2817501	GEAR Z34S INPUT	1		20	20	

9. Drive Section

Model: Brz-P1	Date: 23-May-19	No.: RM281036

Subject: Parts Catalog Correction: SHEET REGIST	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2817505	SHEET REGIST	2		10	35	

4. Paper Feed Section

RICOH **T**echnical **B**ulletin

Model: Brz-P1	Date: 23-May-19	No.: RM281037

Subject: Parts Catalog Correction: LEVER LOCK CASSETTE L	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2817506	LEVER LOCK CASSETTE L	1		20	21	

9. Drive Section

RICOH **T**echnical **B**ulletin

Model: Brz-P1	Date: 2-Jul-19	No.: RM281038

Subject: Parts Catlog Correction: CTL board and Firmware		Prepared by: T. Tachibana
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 ☐ Tier 0.5

The controller board (CTL board) have been updated with the System/Copy firmware.

Old part number	New part number	Description	Q'ty	Int
M2815544	M2815535	PCB:CTL:BRA-P1A:50PPM	1	O/O
M2815545	M2815536	PCB:CTL:BRA-P1B:60PPM	1	O/O

The System/Copy firmware version has been changed as shown below:

M2815770M   ->   M2815745

Ver.1.12   Ver.1.13

Caution

- The old System/Copy firmware (version 1.12) is not compatible with the new CTL board.

- The new System/Copy firmware (version 1.13) is compatible with both old and new CTL board.

- If you use a new CTL board, do not downgrade the System/Copy firmware to version 1.12. If the old System firmware is installed to the new CTL board, SC878 (TPM authentication error) will occur.

- If SC878 occurs after downgrading the firmware, the CTL board must be replaced with a new one to solve the SC878 error.

Change/Reason:

An IC on the CTL board has been discontinued. The new IC is not compatible with the old one and required a firmware change.
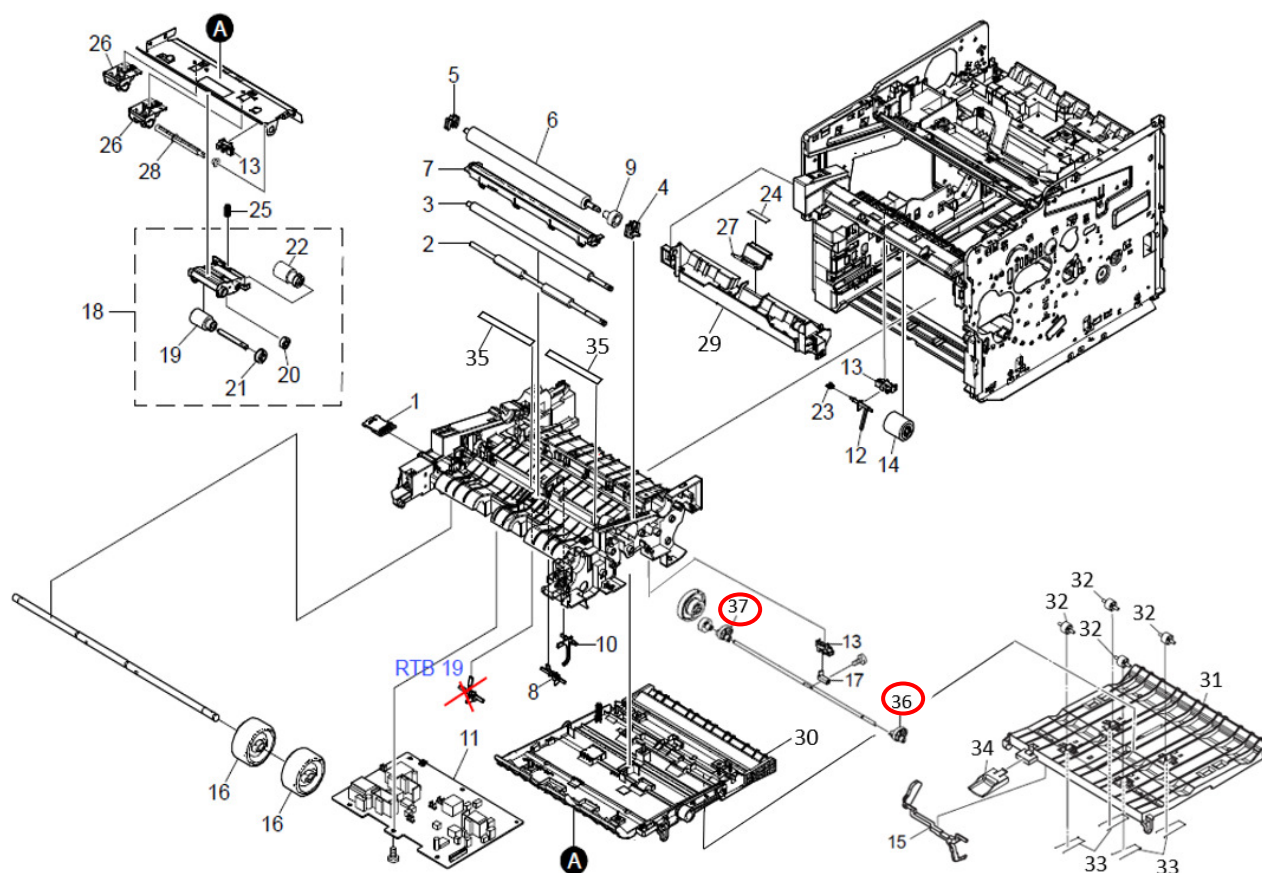
Model: Brz-P1	Date: 22-Aug-19	No.: RM281039

Subject: Parts Catalog Correction: 4. Paper Feed Section	Prepared by: T. Tachibana
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

Change: *The bold italic parts* are newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
D2552851	GUIDE TURN MPF A	1		10	29	
M2812852	BASE_DU	1		10	30	
M2817502	GUIDE DU	1		10	31	
M2817503	PULLEY PA	4		10	32	
M2817504	SPRING DU	4		10	33	
M2816684	LEVER_DU_RELEASE	1		10	34	
M2817505	SHEET REGIST	2		10	35	
M2812859	*LOCK ENVELOPE R*	*1*		*10*	*36*	
M2812855	*LOCK ENVELOPE L*	*1*		*10*	*37*	

4. Paper Feed Section

Model: Brz-P1	Date: 25-Oct-19	No.: RM281041

Subject: Parts Catalog Correction: 7. Fusing Section	Prepared by: T. Tachibana
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

Change: This part is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811087	COVER SENSOR	1		16	3	

7. Fusing Section
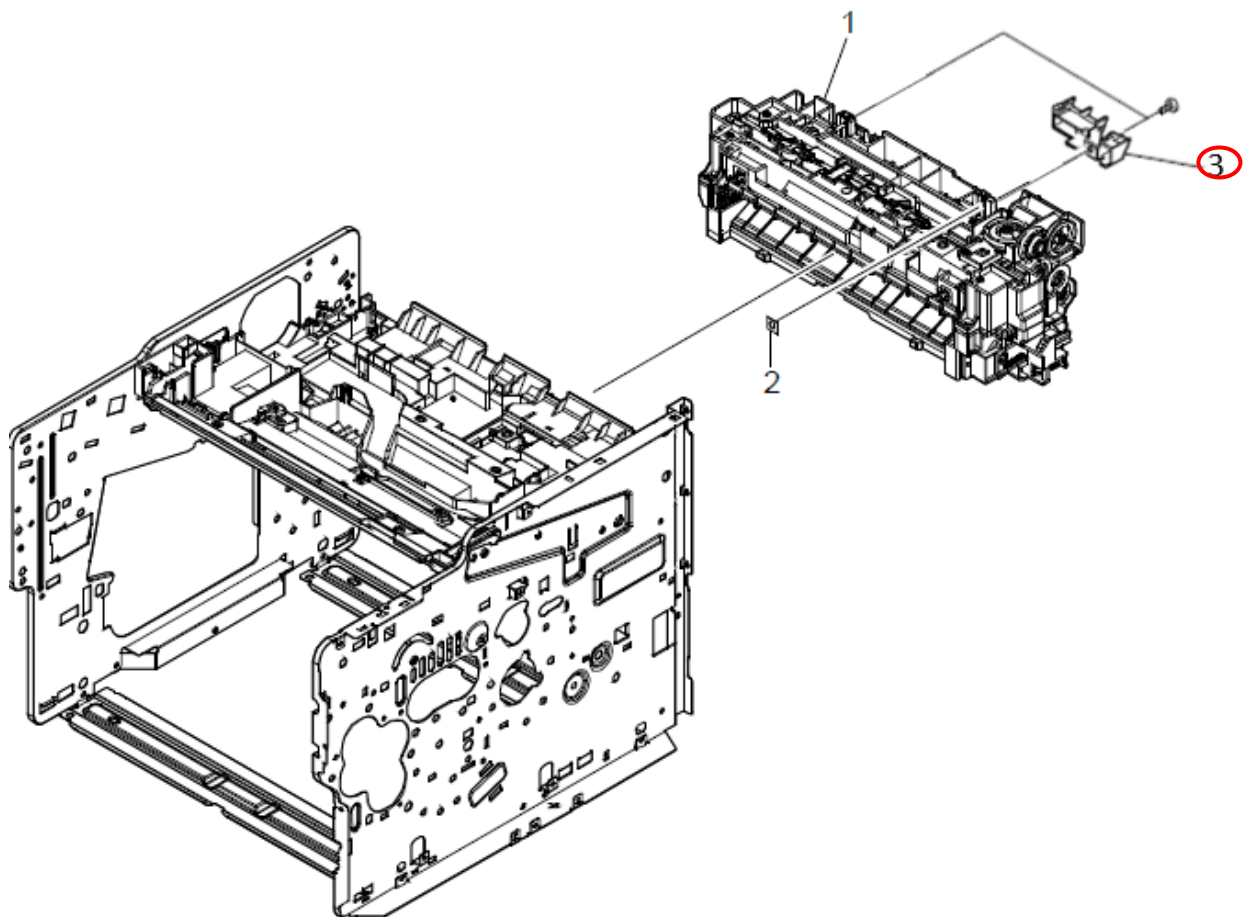
Reissued: 21-Nov-19

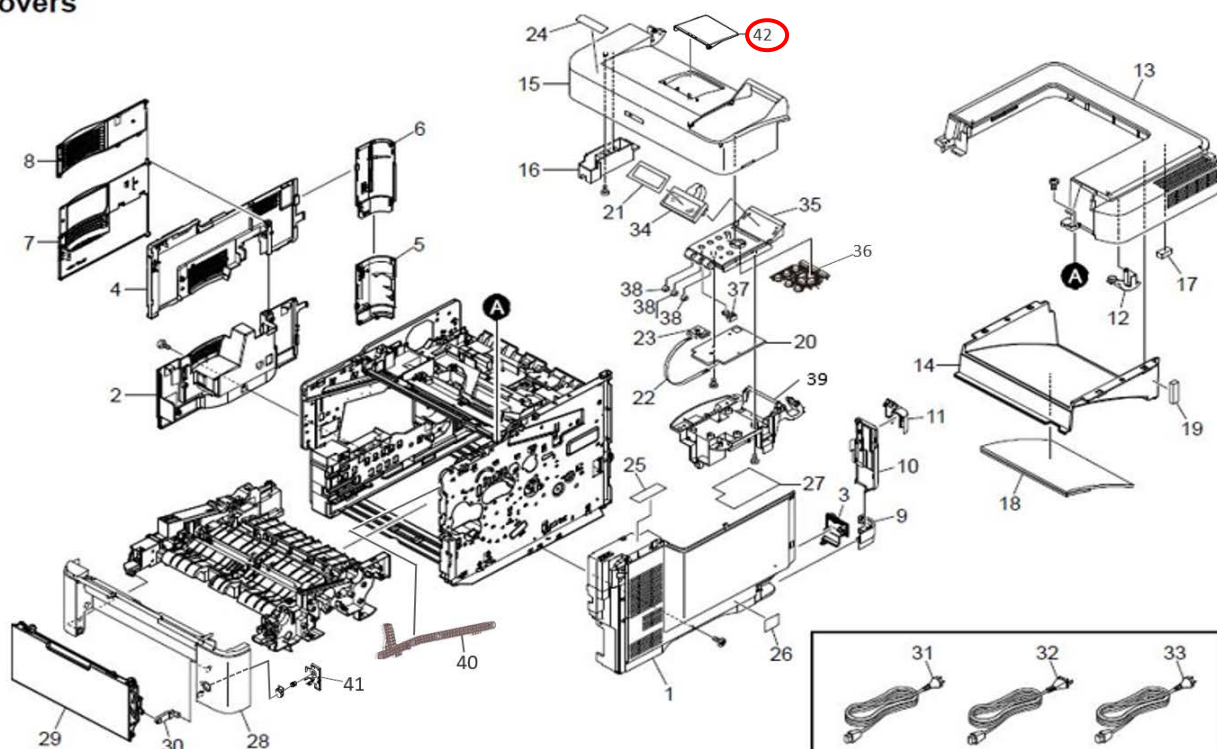| Model: Brz-P1	Date: 25-Oct-19	No.: RM281040a

RTB Reissue
The items in **bold italics** were added.

Subject: Parts Catalog Correction: 1. Covers	Prepared by: T. Tachibana
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

Change: *The bold italic part* is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811420	LID OPERATION	1		4	35	
M2811424	KEY A	1		4	36	
M2811425	KEY PAUSE	1		4	37	
M2811427	LENS LED	3		4	38	
M2811422	COVER_OPERATION	1		4	39	
M2811139	ARM COUPLING	1		4	40	
M2811088	HOLDER KEY SW	1		4	41	
M2811247	*PAPER STOPPER*	*1*		*4*	*42*	

1.Covers

RICOH

Technical Bulletin

Model: Brz-P1	Date: 21-Nov-19	No.: RM281042

Subject: Parts Catalog Correction: 9. Drive Section	Prepared by: T. Tachibana
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

Change: ***The bold italic part*** is newly added.

Reason: To meet requests received from the field.

Part number	Description	Q'ty	Int	Page	Index	Note
M2811182	GUIDE CASSETTE R	1		20	14	
M2811130	GEAR Z35S-Z13S B	1		20	15	
M2811183	GUIDE CASSETTE L	1		20	16	
M2812543	GEAR Z36L-Z20S	1		20	17	
M2812542	GEAR Z46S-Z13S	1		20	18	
M2812541	GEAR Z34S-Z13S	1		20	19	
M2817501	GEAR Z34S INPUT	1		20	20	
M2817506	LEVER LOCK CASSETTE L	1		20	21	
M2811246	***SPRING LOCK CASSETTE***	***1***		***20***	***22***	

9. Drive Section