

Model: Dolphin		Date: 31-Jul-01	No.: MB010001
Modified Article: Parts Catalog		Prepared by: F. Noguchi	
From: Technical Services Dept., GTS Division			
Reason for Modification:	☒ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Please correct your Parts Catalogs as follows:

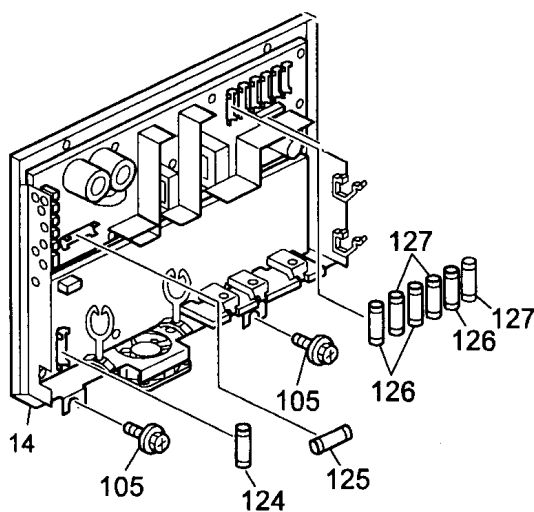
2. Exterior 2 (Pg. 11)

Part number		Description	Page	Index
Incorrect	Correct			
B0101382	B0101209	Left Rear Cover	11	21

29. Electrical Section (Pg. 65)

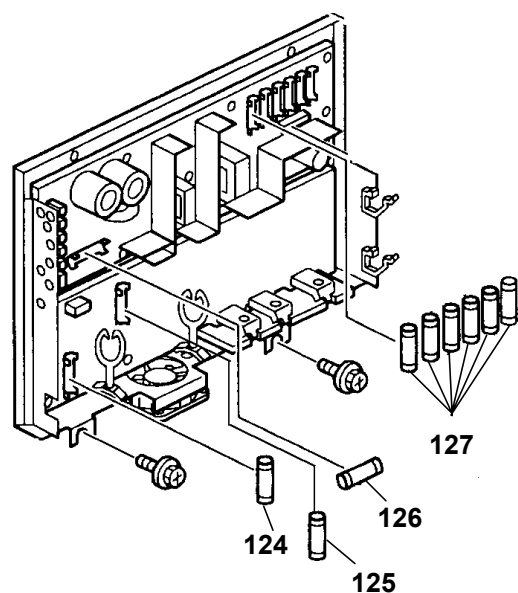
Incorrect

Index	Part number	Description
8	B0105140	MCU Board
124	11070957	Fuse – 20A(120V)
125	11070885	Fuse – 6.3A 250V
125	11070919	Fuse – 8A 125V
126	11070907	Fuse – 6.3A 125V)
127	11070869	Fuse – 6.3A 125V



Correct

Index	Part number	Description
8	B0105071	MCU Board (120V)
8	B0105076	MCU Board (230V)
124	11070967	Fuse – 20A 380V (120V)
125	11070868	Fuse – 5A 125V (120V)
125	11070879	Fuse – 5A 250V (230V)
126	11070919	Fuse – 8A 125V (120V)
126	11070879	Fuse – 5A 250V (230V)
127	11070907	Fuse – 6.3A 125V (120V)
127	11070885	Fuse – 6.3A 250V (230V)



Model: Dolphin

Date: 31-Jul-01

No.: MB010001

31. Frame Section 2 (Pg. 69)

Part number		Description	Page	Index
Incorrect	Correct			
B0101380	B0101384	Base – Gasket – Lower Left	69	25
11060068	11060063	Bushing – 10.2 M5X10	69	105

32. IPU Board (Pg. 77)

Part number		Description	Page	Index
Incorrect	Correct			
A2975230	B0105225	IC - HDC	77	1

34. MCU Board (Pg. 87)

Part number		Description	Page	Index
Incorrect	Correct			
B0105140		MCU Board	87	*
	B0105071	MCU Board (120V)		
	B0105076	MCU Board (230V)		

36. Special Tools (Pg. 93)

Part number		Description	Page	Index
Incorrect	Correct			
52039501	52039502	Grease 501	93	1

Model: Dolphin		Date: 27-Sep-01	No.: MB010002
Modified Article: Upper Guide Rod - Original Tray		Prepared by: F. Noguchi	
From: Technical Services Dept., GTS Division			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☒ Other	☐ To meet standards ()

The length of the Upper Guide Rod has been increased from 239 to 289 mm to ensure that the original does not fold over onto the operation panel after feeding.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0106332	B0106333	Upper Guide Rod – Original Tray	3	X/O	9	32	

RCL (Japan) Production

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	J2010800001
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J2010800058
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2010800023

Model: Dolphin		Date: 28-Sep-01	No.: MB010003
Modified Article: Parts Catalog		Prepared by: F. Noguchi	
From: Technical Services Dept., GTS Division			
Reason for Modification:	☒ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

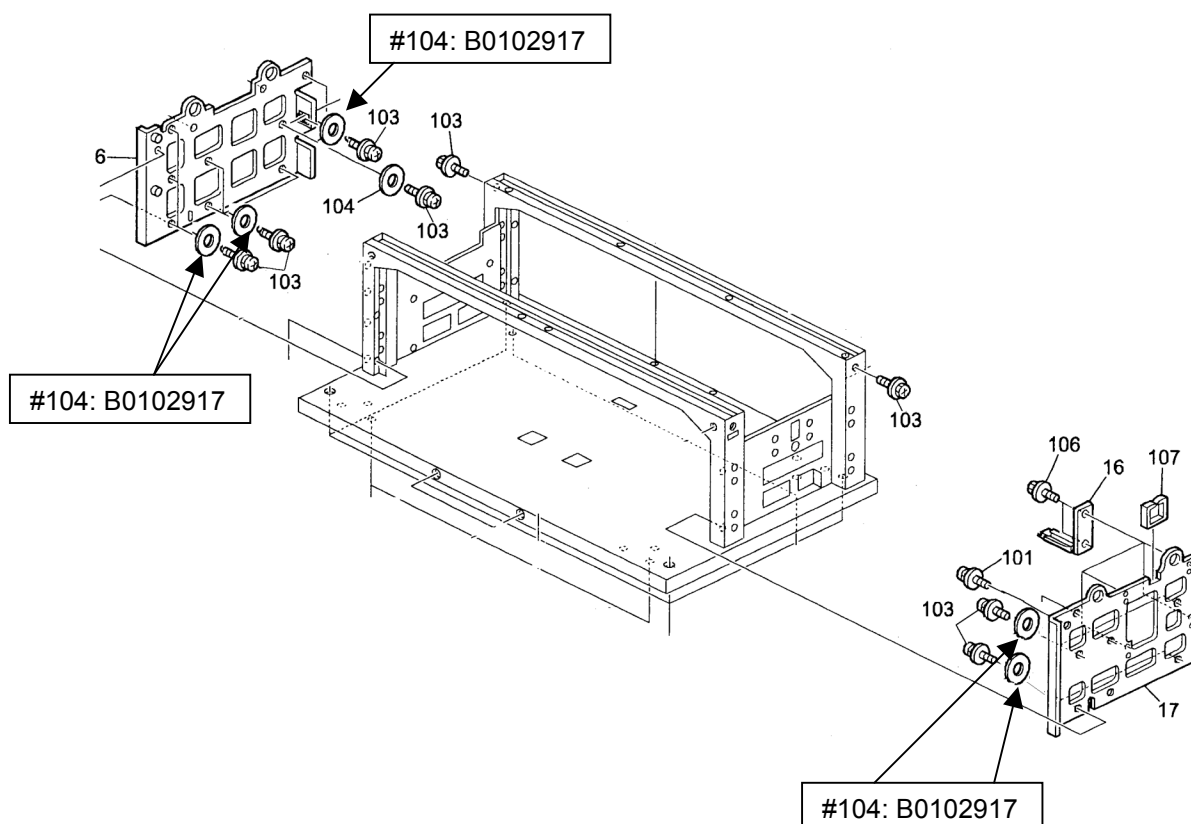
Please correct your Parts Catalogs as follows.

1. The Part Number, Description, Qty. have been corrected:

	Part number	Description	Q'ty	Page	Index	Note
Incorrect	07080050B	Washer – M5	n	89	104	
Correct	B0102917	Spacer – 5x12x2.3	16	89	104	

2. Three index callouts for the same part (Spacer, #104) have been added to the illustration on pg. 89:

Page 89 31. Frame Section 2



Model: Dolphin		Date: 12-Dec-01	No.: MB010004
Modified Article: HDD, Leveling Foot Guide and Stand Holder		Prepared by: F.Noguchi	
From: Technical Service Dept., GTS Division			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

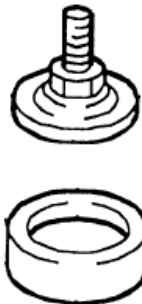
Please note the following 2 changes:

1. The HDD has been changed, as the manufacturer has taken the present HDD out of production.
2. The Leveling Foot Guide and Stand Holder have been changed due to parts standardization with other models (see below).

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
A6915862		HDD - ATA QLCT20-10G	2 - 2	O/O	69	11	
	A2945173	HDD -ATA SU6					
AH013008		Leveling Foot Guide	4 - 4	O/O	69	20	*1
	B0231101	Leveling Foot					
54001041		Stand Holder	4 - 4	O/O	69	21	*1
	AA143780	Hexagonal Bolt – M12x60					

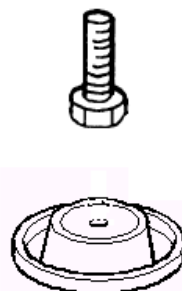
*1: These parts should be replaced as a set.

Stand Holder
54001041



Leveling Foot Guide
AH013008

Hexagonal Bolt – M12x60
AA143780



Leveling Foot
B0231101

Model: Dolphin		Date: 21-Jan-02	No.: MB010005
Modified Article: Fusing Lamp		Prepared by: F.Noguchi	
From: Technical Service Dept., GTS Division			
Reason for Modification:	☐ Parts catalog correction	☒ Vendor change	☐ To meet standards ()
	☐ To facilitate assembly	☐ To improve reliability	
	☐ Part standardization	☐ Other	

The following Fusing Lamps have been changed due to a vendor change (discontinued from production).

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AX450035	AX450040	Fusing Lamp – 120V 1300W (120V)	1	O/O	53	8	
AX430067	AX430083	Fusing Lamp – 120V 300W (120V)	1	O/O	53	9	
AX440139	AX440166	Fusing Lamp – 230V 700W (230V)	1	O/O	53	8	
			1	O/O	53	9	

Model: Dolphin		Date: 22-Jan-02	No.: MB010006
Modified Article: MCU Board		Prepared by: F.Noguchi	
From: Technical Service Dept., GTS Division			
Reason for Modification:	☐ Parts catalog correction	☐ Vendor change	☐ To meet standards ()
	☐ To facilitate assembly	☒ To improve reliability	
	☐ Part standardization	☐ Other	

The following MCU board components have been changed to increase reliability.

Note: The P/N of the MCU board has not been changed, because the interchangeability is O/O.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
14074875		CMOSIC – 74VHC04 TSSOP	n - n	O/O	87	118	
	14073281	IC- TC74HCU04AF					
15030320		Oscillator – AT-51-19.6608MHZ	n - n	O/O	87	128	
	15030636	Oscillator – AT-51-19.6608MHZ					
16050769		Capacitor – 20pF ±5pF 50V	n - n	O/O	87	140	
	16600100	Capacitor – 10pF ±5pF 50V					
16304106		Resistor – 10M ohm ±5% 1/10W	n - n	O/O	87	151	
	16504105	Resistor – 1M ohm ±5% 1/10W					
19020039		IC – SRAM 1M X16 70NS G1	n - n	O/O	87	170	
	19040031	IC – SRAM CY7C1021					
	16504471	Resistor – 470 ohm ±5% 1/10W	0 - n		87	172	*

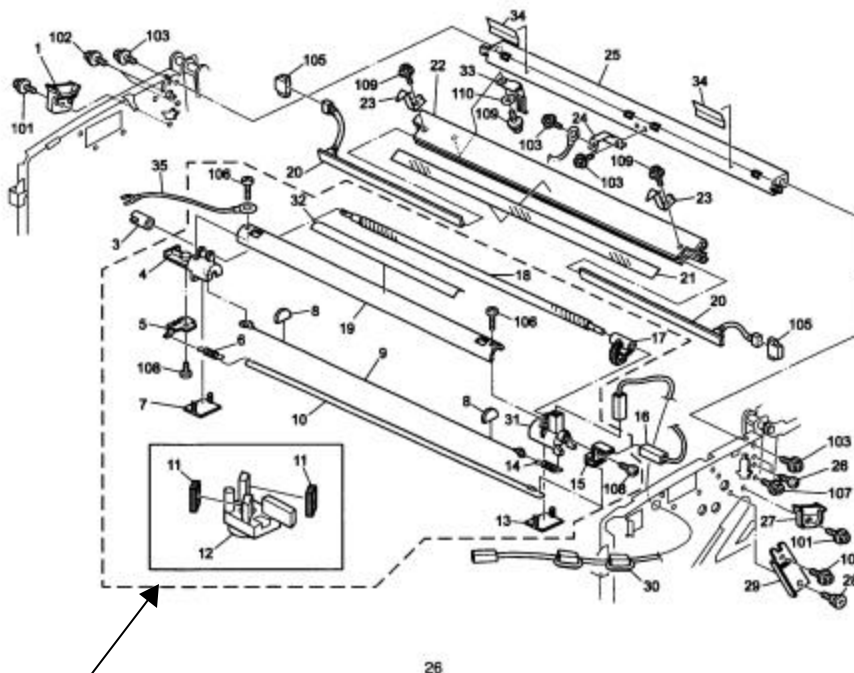
* : New Index

Model: Dolphin		Date: 22-Mar-02	No.: MB010007
Modified Article: Parts Catalog		Prepared by: F.Noguchi	
From: Technical Service Dept., GTS Division			
Reason for Modification:	☒ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Please correct your parts catalog as follows:

- Added index "2" to the illustration.
10. Charge Corona Section (pg. 26):

10.CHARGE CORONA SECTION (B010)



Index 2

B010 2074: Charge Corona Unit (NA)

B010 2075: Charge Corona Unit (EU)

- Corrected description
29. Electrical Section:

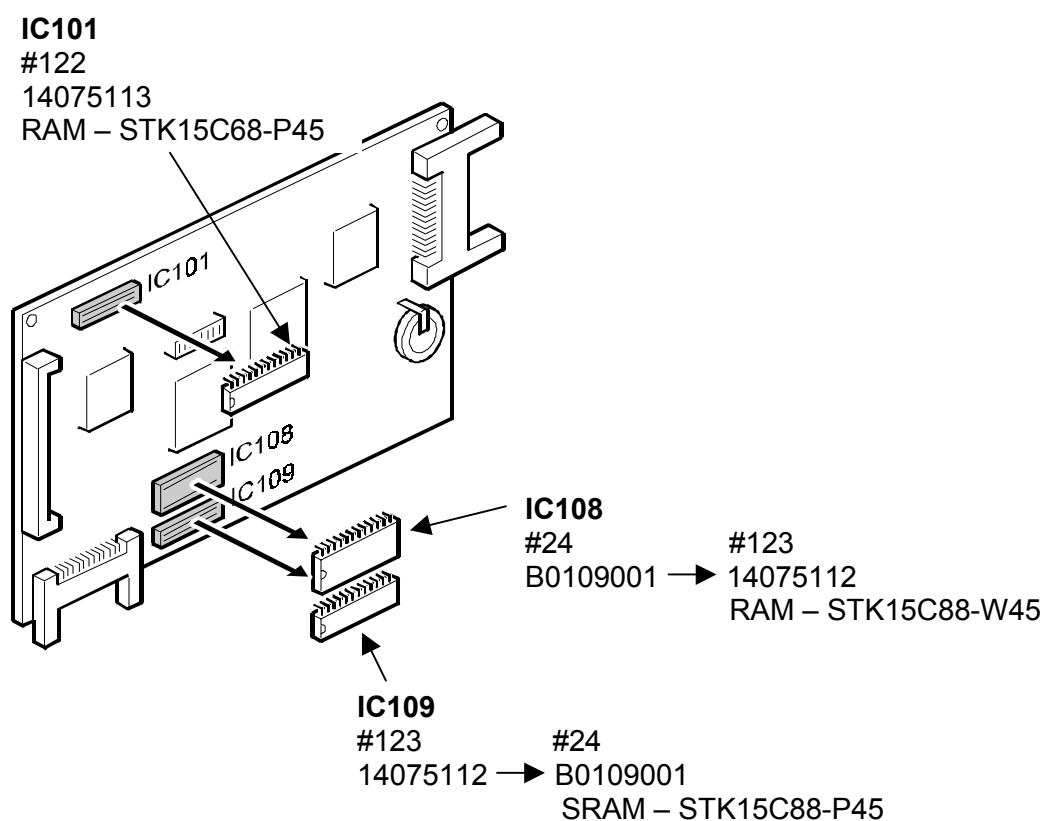
Part number	Description		Page	Index
	Correct	Incorrect		
B0109001	SRAM - STK15C88-P45	SRAM - STK15C88-W45	65	24
14075112	RAM - STK15C88-W45	RAM - STK15C88-P45	65	123

Model: Dolphin		Date: 1-May-02	No.: MB010008
Modified Article: NVRAMs		Prepared by: F.Noguchi	
From: Technical Services sec. Service Planning Dept.			
Reason for Modification:	☒ Parts catalog correction	☐ Vendor change	☐ To meet standards ()
	☐ To facilitate assembly	☐ To improve reliability	
	☐ Part standardization	☐ Other	

Please apply the following index correction to the illustration in the Parts Catalog:

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29. ELECTRICAL SECTION



Model: Dolphin		Date: 9-Jul-02	No.: MB010009
Modified Article: Photosensor - PS-117D1		Prepared by: F.Noguchi	
From: Technical Services sec. Service Planning Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☒ To improve reliability ☐ Other	☐ To meet standards ()

The Photosensor has been changed to improve reliability.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AW010076	B0105560	Photosensor – PS-117D1	6	X/O	17	5	

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	J2020300061
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J2020300041
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2020300001

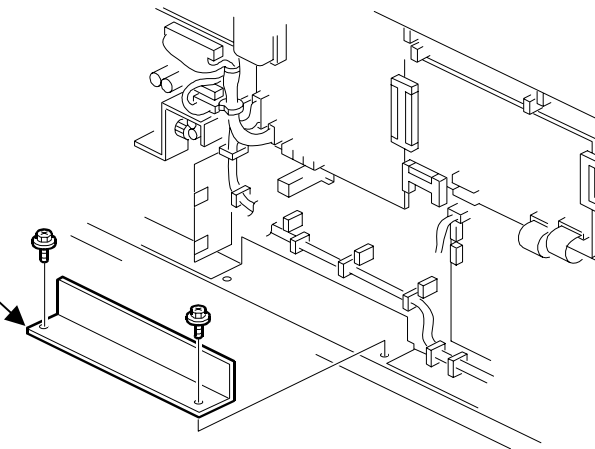
Model: Dolphin		Date: 19-Sep-02	No.: MB010010
Modified Article: Shield Plate (-22, -27 version only)		Prepared by: F.Noguchi	
From: Technical Services sec. Service Planning Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

To further minimize the effect of electrical noise, a Shield Plate has been added in front of the HDD attachment area. Since this plate is not used when the HDD option is present, please remove it before the HDD option is installed.

Old part number	New part number	Description	Q'ty	Page	Index	Note
	B0101066	Shield Plate	0 - 1	65	*25	
04514008B		Phillips tapping Screw – M4x8	n - n+2	65	115	

*: New Index

Shield Plate
P/N B0101066



MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J20210XXXXX
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2020800045

Model: Dolphin		Date: 25-Sep-02	No.: MB010011
Modified Article: Photosensor		Prepared by: F.Noguchi	
From: Technical Services sec. Service Planning Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☒ To improve reliability ☐ Other	☐ To meet standards ()

The Photosensor has been changed to a type with minimal chattering, eliminating machine failures or errors due to chattering.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0105560		Photosensor – PS-117D1	6	O/O	17	5	
	AW010093	Photo Reflection Sensor - PS-17ND1					
AW010066		Photosensor - PS-R50D1-B	1	X/O	33	6	
	B0105562	Photo Reflection Sensor:PS-R50ND1-B					
AW010070		Photosensor - PS-R11D1-B	2	X/O	37	20	
	B0105564	Photo Reflection Sensor:PS-R11ND1-B	1		59	5	

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	J20210xxxxx
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J20210xxxxx
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2020900016
Generic	120/60	USA, Canada, S. America	B010-57	From 1st production

Model: Dolphin		Date: 7-Oct-02	No.: MB010012
Modified Article: Operating Instructions		Prepared by: F.Noguchi	
From: Technical Services sec. Service Planning Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☒ Other	☐ To meet standards ()

The following have been changed as part of the changeover from the Ricoh model (B010-17) to the Generic model (B010-57).

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0108607		Copy Instruction Guide (NA)	1 - 1	X/O	91	25	
	B0108608	Operating Instructions: Copy (Generic)					
B0108707		System Instructions (NA)	1 - 1	X/O	91	26	
	B0108708	Operating Instructions: System (Generic)					

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	Service Parts Only
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	
RICOH Aficio 470W Gestetner A070 SAVIN 4700WD Lanier LW410	120/60	USA, Canada, S. America	B010-57	J2020900001 (From 1st production)

Model: Dolphin		Date: 26-Dec-02	No.: MB010013
Modified Article: Joint Shaft - Toner Hopper		Prepared by: F.Noguchi	
From: Technical Services Sec. Service Planning Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☒ To improve reliability ☐ Other	☐ To meet standards ()

To ensure that the gear (AB017539) does not break when the toner cartridge is inserted in the toner hopper without being shaken, the Toner Hopper Joint Shaft has been changed as shown below.

Note: Make sure not to get developer into the joint shaft unit assembly when the developer is replaced.

If developer gets into the joint part, please disassemble the unit and clean it up.

If developer were to remain in the assembly, it would cause joint operation problems due to excessive mechanical load and parts wear

Installation procedure for new parts:

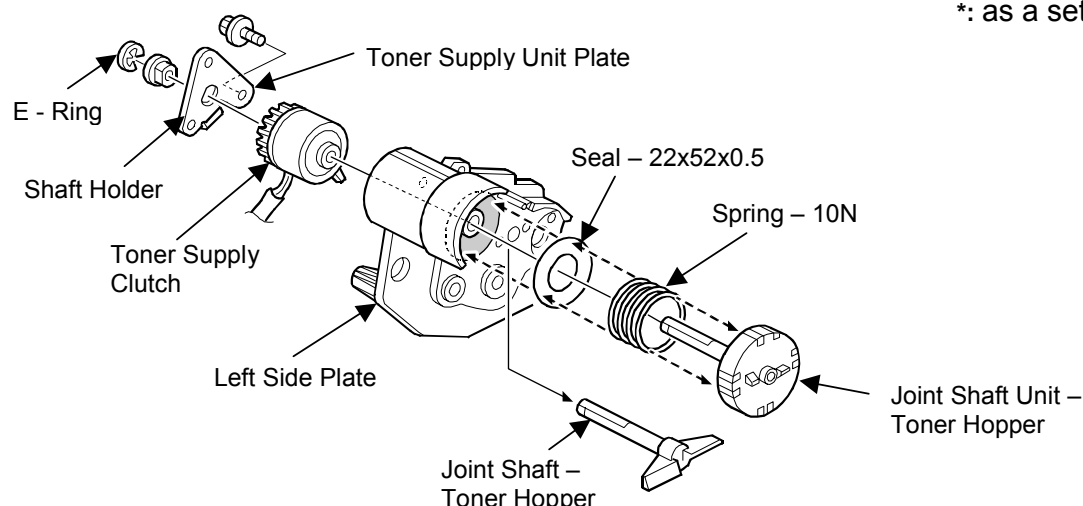
1. Remove the Joint Shaft – Toner Hopper (1 e-ring, 1 screw).
2. Clean the left side plate with alcohol and then attach the Seal.
3. Attach the spring to the Toner Hopper Joint Shaft Unit and then insert the unit into the Left Side Plate as shown.
4. While pushing in the Joint Shaft Unit, reattach the Toner Supply Clutch, Toner Supply Unit Plate and Shaft Holder, then secure them with the e-ring.

Note: After reinstalling the Toner Supply Clutch, make sure that the clutch pin has been inserted correctly in the slot.

5. Secure the Toner Supply Unit Plate (1 screw).

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0103204		Joint Shaft – Toner Hopper	1 - 0	X/X	49	5	*
	B0103206	Joint Shaft Unit – Toner Hopper	0 - 1			5	
	B0103211	Seal – 22x52x0.5	0 - 1			29	
	B0103212	Spring – 10N	0 - 1			30	

*: as a set O/O



Model: Dolphin	Date: 26-Dec-02	No.: MB010013
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MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	Service parts only
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J2021100067
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2021200037
RICOH Aficio 470W Gestetner A070 SAVIN 4700WD Lanier LW410	120/60	USA, Canada, S. America	B010-57	J2021200001

Model: Dolphin		Date: 20-Jan-03	No.: MB010014
Modified Article: HDD		Prepared by: F.Noguchi	
From: Technical Services Sec. Service Planning Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

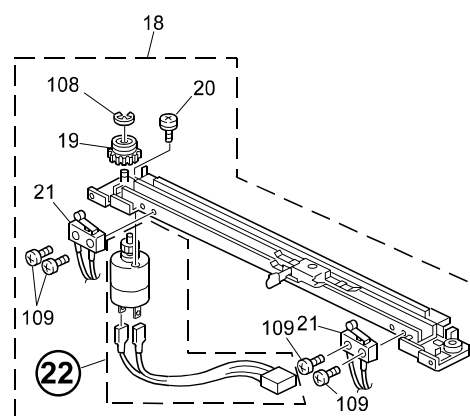
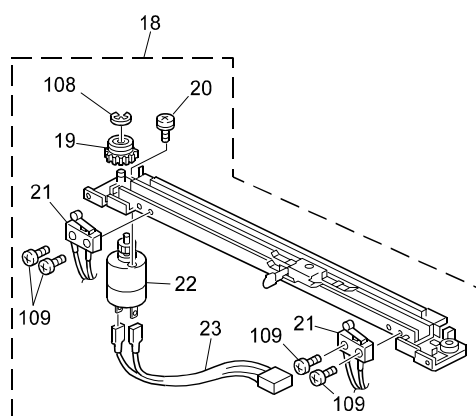
The HDD has been changed, as the manufacturer has taken the present HDD out of production.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
A2945173		HDD -ATA SU6	2 - 2	O/O	69	11	
	B0655112	HDD: 40GB: ST340016A					

Model: Dolphin		Date: 6-Oct-03	No.: MB010015
Modified Article: DC Motor – DC24V 7.18W		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☒ Other	☐ To meet standards ()

To facilitate servicing, the DC Motor service part has been changed to include the harness and gear.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AX050092		DC Motor – DC24V 7.18W	1 - 0	X/	33	22	
B0102836		Motor Harness	1 - 0	X/	33	23	
	B0102852	DC Motor: DC24V 7.18W	0 - 1	/O	33	22	



Model: Dolphin		Date: 6-Oct-03	No.: MB010016
Modified Article: SRAM - STK15C88-P45 (Counter)		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☒ Other	☐ To meet standards ()

The following has been changed due to the 0-counter specification change, in which the electronic counter is set to 0 when released from the factory instead of to a negative value. For more details, please refer to RTB RGene013.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0109001		SRAM - STK15C88- P 45 (Counter)	1 - 1	X/O	65	24	
	B0109590	Counter: SRAM - STK15C88- P 45					

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	Service parts only
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J2030300057
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2030300034
RICOH Aficio 470W Gestetner A070 SAVIN 4700WD Lanier LW410	120/60	USA, Canada, S. America	B010-57	J2030300001

Model: Dolphin		Date: 6-Oct-03	No.: MB010017
Modified Article: LCD - HVGA U65		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

The LCD has been changed due to a vendor change.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
A2935215		LCD – HVGA U65	1 - 1	O/O	13	21	
	B0105290	LCD: HVGA: SH: BL					

Model: Dolphin		Date: 6-Oct-03	No.: MB010018
Modified Article: HDD		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

The HDD has been changed, as the manufacturer has taken the present HDD out of production.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0655112		HDD: 40GB: ST340016A	2 - 2	O/O	69	11	
	A2955177	HDD: 40GB: ST340014A					

Model: Dolphin		Date: 6-Oct-03	No.: MB010019
Modified Article: Development Unit		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☒ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

The development unit and toner hopper casing have been changed due to parts standardization with the new model.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0103050	B0103053	Development Unit	1 - 1	O/O	49	*	
B0103091	B0103092	Toner Hopper casing	1 - 1	O/O	49	20	

Model: Dolphin		Date: 6-Oct-03	No.: MB010020
Modified Article: Left and Right Paper Guide		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☒ To improve reliability ☐ Other	☐ To meet standards ()

Two additional paper guides (pawls) have been added to the Transfer/Separation Corona Unit to further ensure that the copy paper does not come into contact with the corona wire should a jam occur in this area. This addition effectively decreases the space between each pawl.

Note: When replacing with the modified parts for the first time, they must be installed **together as a set.**

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
A1743936		Left Paper Guide – T/S Center	1 - 1	X/O	43	17	*
	A1743932	Guide: Paper: T/S Corona: Middle: Left					
A1743935		Right Paper Guide – T/S Center	1 - 1	X/O	43	16	*
	A1743931	Guide: Paper: T/S Corona: Middle: Right					

*: as a set O/O

RCL (Japan) Production

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	J20308xxxxx
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J2030700052
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2030700028

Model: Dolphin		Date: 18-Dec-03	No.: MB010021
Modified Article: Middle Holder - Paper Holder		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☒ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

The following has been changed due to parts standardization with the new model.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0102794		Middle Holder – paper Holder	2 - 2	O/O	33	10	
	B6412794	Holder: Paper Holder: Middle					

Model: Dolphin		Date: 26-Feb-04	No.: MB010022
Modified Article: Motor Gear - 13		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☒ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Please apply the following P/N and description revision to your Parts Catalogs.

Incorrect

Part number	Description	Q'ty	Page	Index	Note
A1744870	Motor Gear - 13	1	33	19	

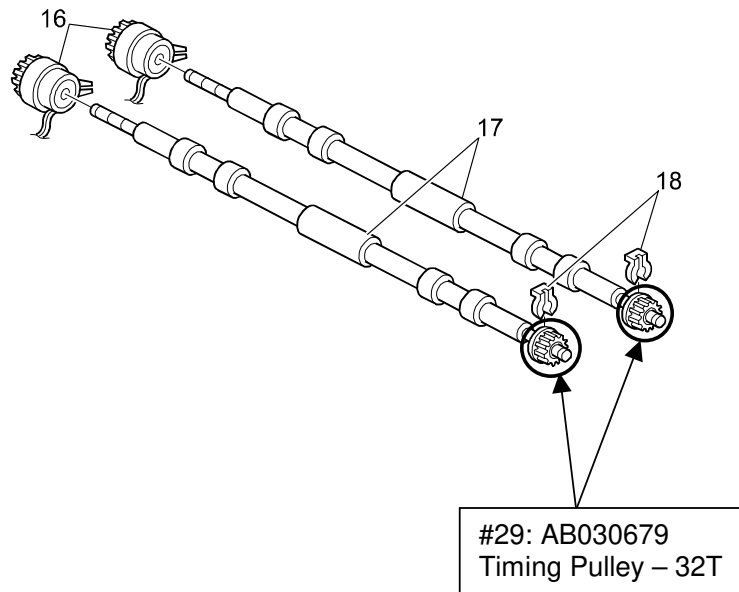
Correct

Part number	Description	Q'ty	Page	Index	Note
A1744850	Gear: Pulley: Cutter Unit	1	33	19	

Model: Dolphin		Date: 16-Mar-04	No.: MB010023
Modified Article: Timing pulley - 32T		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☒ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

As per a field request, the following part has been registered as a service part.

New part number	Description	Q'ty	Page	Index	Note
AB030679	Timing Pulley – 32T	2	35	29	



Model: Dolphin		Date: 3-Jun-04	No.: MB010024
Modified Article: Middle Guide Plate		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☒ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

The following has been changed due to parts standardization.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0102572		Middle Guide Plate	1 - 1	O/O	41	25	
	→ B1882572	Guide Plate: Middle					

Model: Dolphin		Date: 21-Sep-04	No.: MB010025
Modified Article: OPC Drum Balancer		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☒ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0102252		OPC Drum Balancer	2 - 2	O/O	51	12	
	B1252472	Balancer: OPC Drum					

Change: P/N change (vendor change).

Reason: Parts standardization with the Neptune-C1.

Model: Dolphin		Date: 24-Dec-04	No.: MB010026
Modified Article: Transfer Entrance Sheet		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☒ To improve reliability ☐ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0103854		Transfer Entrance Sheet	1	X/O	43	12	
	B0103853	Sheet: Entrance: Transfer					

Change: The Mylar is attached more accurately.

Reason: To increase the reliability of the transfer entrance sheet.

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	Service parts only
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J2041100010
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J2041100009
RICOH Aficio 470W Gestetner A070 SAVIN 4700WD Lanier LW410	120/60	USA, Canada, S. America	B010-57	J20412xxxxx

Reissued: 12- Oct-07

Model: Dolphin	Date: 24-Dec-04	No.: MB010027a
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MB Reissue

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

Modified Article: Gas Spring - 325N		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction	☐ Vendor change	☐ To meet standards ()
	☐ To facilitate assembly	☐ To improve reliability	
	☒ Part standardization	☐ Other	

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
<i>B0101122</i>	<i>B1881122</i>	<i>Gas Spring: 325N</i>	1 - 1	O/O	<i>67</i>	<i>14</i>	

Change/Reason: Parts standardization with the new model.

Model: Dolphin		Date: 24-Dec-04	No.: MB010028
Modified Article: Toner Hopper Casing		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☒ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0103092	B0103093	Toner Hopper casing	1 - 1	O/O	49	20	

Change/Reason: Parts standardization with the new model.

Model: Dolphin		Date: 24-Dec-04	No.: MB010029
Modified Article: Caster - G60/Hexagonal Bolt - M12X60		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☒ Part standardization	☐ Vendor change ☐ To improve reliability ☒ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AH012016		Caster – G60	4	O/O	69	19	
	AH012031	Caster: 1470N					
AA143780		Hexagonal Bolt - M12X60	4	O/O	69	20	
	AA143547	Hexagonal Bolt: M12X80					
09545014B			n-n-12	O/	69	-	*
	B1881125	Flanged Hexagonal Head Bolt: M5X14	0 - 12	/O	69	28	

NOTE: P/N 09545014B is not listed in the Parts Catalog.

Change: The material was changed to a more environmentally friendly type.

Reason: Part of Ricoh's ongoing application of in-house environmental management standards

Model: Dolphin		Date: 24-Dec-04	No.: MB010030
Modified Article: DC Motor – 7.2W		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☒ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0106125		DC Motor – 7.2W	1	O/O	23	31	
	B0106122	Stepper Motor: Scanner: DC 7.2W					

Change: The material was changed to a more environmentally friendly type.

Reason: Part of Ricoh's ongoing application of in-house environmental management standards

Model: Dolphin		Date: 24-Dec-04	No.: MB010031
Modified Article: Gaskets		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☒ Part standardization	☐ Vendor change ☐ To improve reliability ☒ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0101287		Rear gasket	2	O/O	11	22	
	B1881287	Gasket: Right Rear: Left Rear					
B0101288		Seal – 5x463x2	1	O/O	11	37	
	B1881288	Gasket: Rear Middle					
B0101290		Right Gasket – Front Rear	1	O/O	11	32	
	B1881290	Gasket: Right : Front Rear					
B0101291		Front Gasket	2	O/O	11	11	
	B1881291	Gasket: Right Front: Left Front					
B0101292		Left Lower Gasket	1	O/O	69	2	
	B1881292	Gasket: Left Lower					
B0106166		Upper Stay Gasket	6	O/O	15	33	
	B1886166	Gasket: Stay: Upper					

Change: The material was changed to a more environmentally friendly type.

Reason: Part of Ricoh's ongoing application of in-house environmental management standards

Model: Dolphin		Date: 24-Dec-04	No.: MB010032
Modified Article: HDD		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
A2955177		HDD: 40GB: ST340014A	2 - 2	O/O	69	11	
	B5145970	HDD: HITACHI: 40GB: VANCOUVER3					

Change/Reason: The manufacturer stopped making the old part.

Model: Dolphin		Date: 24-Dec-04	No.: MB010033
Modified Article: Lower Spring Plate – Exit Roller		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☒ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

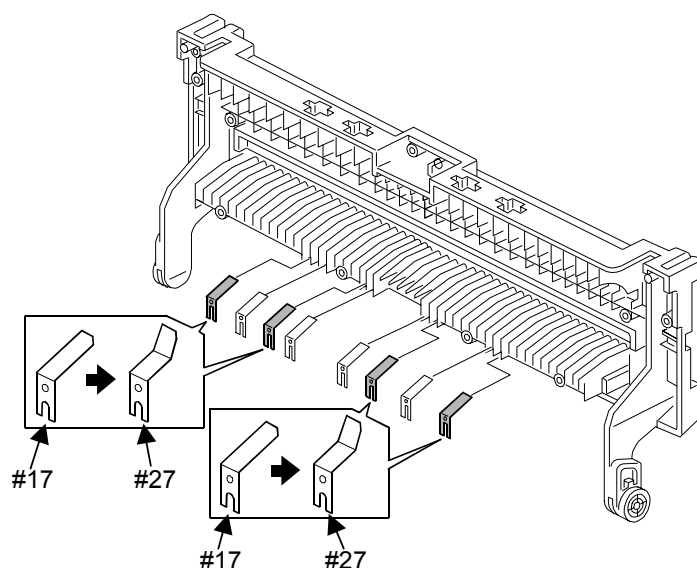
Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0104454	B0104454	Lower Spring Plate – Exit Roller	8 - 4	X/O	59	17	*1
	B1884454	Spring Plate: Exit Roller: Lower	0 - 4		59	21	*2

Note:

1. The Qty of the old lower spring plate in the catalog was wrong (correct: 8).
2. New index.

Change: Shape of the spring plate

Reason: To minimize waves in film that has a width of 420mm or less.



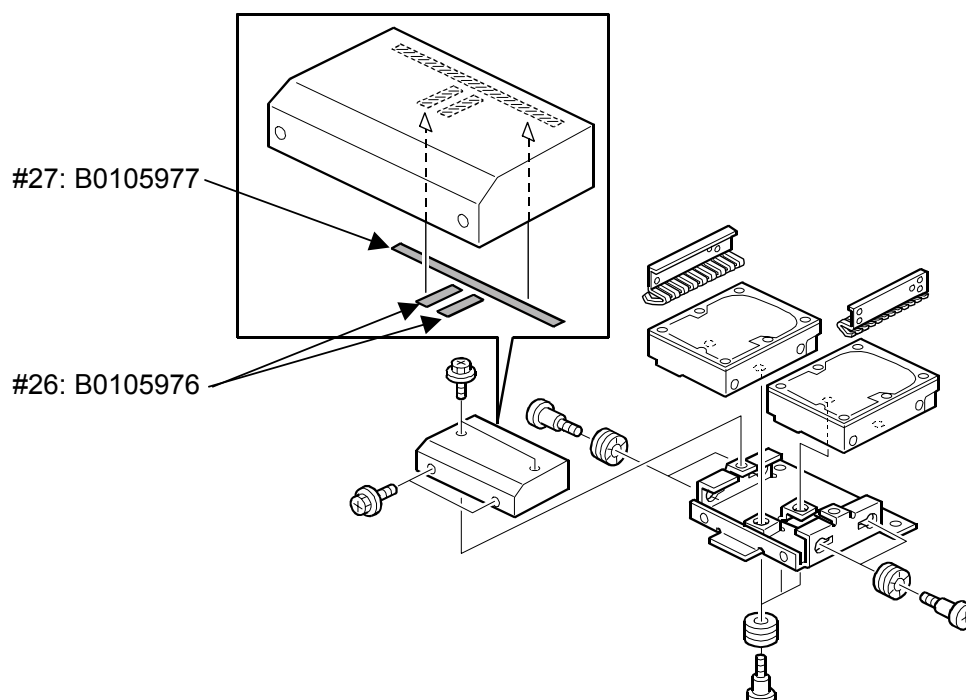
MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	Service parts only
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	J2040900052
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	J20411xxxxx
RICOH Aficio 470W Gestetner A070 SAVIN 4700WD Lanier LW410	120/60	USA, Canada, S. America	B010-57	J2040900001

Model: Dolphin		Date: 18-Jan-05	No.: MB010034
Modified Article: Gaskets		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☒ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☐ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

New part number	Description	Q'ty	Page	Index	Note
B0105976	Gasket: HDD	2	69	26	
B0105977	Gasket: HDD: 180	1	69	27	

Change/Reason: These parts were missing from the Parts Catalogue.

31. FRAME SECTION 2 (pg. 68):



Model: Dolphin		Date: 3-Oct-06	No.: MB010035
Modified Article: Charge Corona Ass'y/Quenching Lamp		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards () ☒ Part standardization ☐ Product Safety		

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0102074		Charge Corona Ass'y (NA)	1 - 1	O/O	27	2	
	B1882074	Charge Corona Unit (NA)					
AX500059		Quenching Lamp	2 - 2	O/O	27	20	
	AX500087	LED Array: QL: Unit					
AX500087		LED Array: QL: Unit	2 - 0	X/	27	20	
B0102011		Discharge Lamp Casing	1 - 0	X/	27	21	
	B1882020	Quenching Lamp: UNIT	0 - 1	/O	27	20	

Change/Reason: Parts standardization with the Dolphin-C2.

Model: Dolphin		Date: 20-Dec-06	No.: MB010036
Modified Article: HDD		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B5145970		HDD: HITACHI: 40GB: VANCOUVER3	2 - 2	O/O	69	11	
	B5145990	HDD: HITACHI: 40GB: PATH: ROHS					
B5145990		HDD: HITACHI: 40GB: PATH: ROHS	2 - 2	O/O	69	11	
	B1795995	HDD:HITACHI: 40GB: PATH-KAI:ROHS					

Change/Reason: The manufacturer stopped making the old part.

Model: Dolphin		Date: 21-Sep-07	No.: MB010037
Modified Article: Stepper Motor		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☒ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards ☐ Part standardization ☐ Product Safety ()		

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AX020292	AX060295	Stepper Motor: DC24V 14.8W	1 - 1	O/O	35	19	
AX060295	B1882869	Stepper Motor: DC24V 14.8W	1 - 1	O/O	35	19	

Change: Part number

Reason: Parts standardization with Dolphin-C2

Model: Dolphin		Date: 28-Sep-07	No.: MB010038
Modified Article: Covers		Prepared by: F.Noguchi	
From: 1st Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards ☒ Part standardization ☐ Product Safety ()		

Change/ Reason: Due to parts standardization with Dolphin-C2.

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0106451		Original Table (NA)	1 - 1	O/O	9	4	
	B1886453	Original Table: Printing: NA					
B1886453	B1886454	Original Table: Printing: NA	1 - 1	O/O	9	4	
B0106061		Original Table (EU)	1 - 1	O/O	9	4	
	B1886063	Original Table: Printing					
B1886063	B1886086	Original Table: Printing	1 - 1	O/O	9	4	
B0101301		Original Left Cover	1 - 1	O/O	9	5	
	B1881301	Cover: Original: Left					
B0101302		Original RIGHT Cover	1 - 1	O/O	9	8	
	B1881302	Cover: Original: RIGHT					
B0101304		Upper Original Cover	1 - 1	O/O	9	15	
	B1881304	Cover: Original: Upper					
B1881304	B1881317	Cover: Original: Upper	1 - 1	O/O	9	15	
B0101257		Left Upper Cover	1 - 1	O/O	11	16	
	B1881257	Cover: Left Upper					
B0101258		Left Inner Cover	1 - 1	O/O	11	18	
	B1881258	Cover: Inner: Left					
B0101351		Entrance Cover - Manual Feed	1 - 1	O/O	11	2	
	B1881351	Cover: Manual Feed: Entrance					
B1881352	B1881350	Cover: Development	1 - 1	O/O	11	5	
B0101355		Lower Exit Cover	1 - 1	O/O	11	24	
	B1881355	Cover: Exit: Lower					
B0101251		Right Inner Cover	1 - 1	O/O	11	33	
	B1881251	Cover: Inner: Right					
B0101250		Upper Right Cover	1 - 1	O/O	11	34	
	B1881250	Cover: Right Upper					
B0101269		Front Exit Tray	2 - 2	O/O	25	10	
	B1881268	Tray: Exit: Front					
B0102926		Front Cover	2 - 2	O/O	29	13	
	B1882930	Cover: Front	2 - 2		31	1	
B1882930	B1882934	Cover: Front	2 - 2	O/O	29	13	
			2 - 2		31	1	

Reissued: 12-Oct-07

Model: Dolphin	Date: 2-Oct-07	No.: MB010039a
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MB Reissue

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

Modified Article: Bracket: Main Switch		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards ☒ Part standardization ☐ Product Safety ()		

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B1881274	B1881294	Bracket: Main Switch	1 - 1	<i>O/O</i>	<i>47</i>	<i>3</i>	

Change/ Reason: Due to parts standardization with new model.

Model: Dolphin		Date: 4-Oct-07	No.: MB010040
Modified Article: Coupling Gear - 48Z/27Z		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ Vendor change ☐ Other ☐ To facilitate assembly ☒ To improve reliability ☐ To meet standards ☒ Part standardization ☐ Product Safety ()		

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AB017534		Coupling Gear - 48Z/27Z	1 - 1	X/O	63	10	
	AB017749	Gear: Coupling: T48: Z27					

Change: The shape of the gear was changed.

Reason: To further strengthen the teeth of the gear.

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NO.
RICOH Aficio 470W	120/60	USA, Canada, S. America	B010-17	Service parts only
Nashuatec A070 Gestetner A070 Rex Rotary A070	220-240/50, 60	Europe, etc.	B010-22	Service parts only
RICOH Aficio 470W	220-240/50, 60	Europe, Asia, Oceania, etc	B010-27	Service parts only
RICOH Aficio 470W Gestetner A070 SAVIN 4700WD Lanier LW410	120/60	USA, Canada, S. America	B010-57	Service parts only

Model: Dolphin		Date: 11-Oct-07	No.: MB010041
Modified Article: Parts Catalog		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards ☒ Part standardization ☐ Product Safety ()		

Change/ Reason: Due to parts standardization with Dolphin-C2

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0106064		Original Table Channel	2 – 2	O/O	9	1	
	B1886064	Channel: Original Table					
B0101284		Inner Cover – Right Upper	1 – 1	O/O	11	1	
	B1881284	Inner Cover: Right Upper					
B0101354		Magnet Catch Bracket	1 – 1	O/O	11	6	
	B1881354	Bracket: Magnet Catch					
B0101279		Small Cover – Right Rear	1 – 1	O/O	11	7	
	B1881279	Cover: Right Rear: Small					
B0101353		Development Switch Cover	1 – 1	O/O	11	8	
	B1881353	Bracket: Switch: Development					
B0101278		Cover Bracket – 51.8	1 – 1	O/O	11	9	
	B1881278	Bracket: Cover: 51.8					
B0101271		Left Inner Cover	1 – 1	O/O	11	10	
	B1881271	Inner Cover: Left					
B0101280		Small Cover – Left Rear	1 – 1	O/O	11	12	
	B1881280	Cover: Left Rear: Small					
54462824		Screw - Duplex Guide Plate	2 – 2	O/O	11	13	
	AA143788	Pin: Guide Plate: Paper Feed	4 – 4		15	7	
			1 – 1		27	26	
			2 – 2		37	1	
			2 – 2		45	1	
			1 – 1		47	1	
			2 – 2		49	24	
B0101265		CSS Cover	1 – 1	O/O	11	19	
	B1881265	Cover: CSS					
B0101266		Right Cover: Rear Lower	1 – 1	O/O	11	27	
	B1881266	Cover: Rear Lower: Right					
B0101270		Right Inner Cover	1 – 1	O/O	11	29	
	B1881270	Inner Cover: Right					
B0101256		Rear Right Cover	1 – 1	O/O	11	30	
	B1881256	Cover: Right Rear					
B0101254		Lower Right Cover	1 – 1	O/O	11	31	
	B1881254	Cover: Right Lower					
B0106192		Guide Plate – Upper Front	1 – 1	O/O	15	2	
	B1886192	Guide Plate: Upper Front					
B0106146		Lower Left Spring Bracket	1 – 1	O/O	15	5	
	B1886146	Bracket: Spring: Lower Left					
AA066333		Right Spring – Scanner Open	1 – 1	O/O	15	6	
	AA066364	Spring: Scanner Open and Close: Right					

Model: Dolphin

Date: 11-Oct-07

No.: MB010041

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AA060856		Gate Plate Spring	1 – 1	O/O	15	11	
	AA066359	Spring: Gate Plate					
B0106147		Lower Right Spring Bracket	1 – 1	O/O	15	12	
	B1886147	Bracket: Spring: Lower Right					
AA066334		Left Spring – Scanner Open	1 – 1	O/O	15	13	
	AA066365	Spring: Scanner Open and Close: Left					
AA066590		Gate Plate Spring – 1.6N	1 – 1	O/O	15	14	
	AA066362	Spring: Gate Plate:1.6N					
B0106132		Gate Pawl Link Solenoid	1 – 1	O/O	15	15	
	B1886132	DC Solenoid: Gate Pawl: Link: Unit					
B0106134		Solenoid Bracket - Gate Plate	1 – 1	O/O	15	17	
	B1886134	Bracket: DC Solenoid: Gate Plate					
A2966323		Upper Bracket - Paper Feed Sensor	1 – 1	O/O	15	22	
	B1886323	Bracket: Paper Feed Sensor: Upper					
AW020066		Photointerruptor	1 – 1	O/O	15	23	
	AW020167	Paper Feed Sensor			23	8	
B0105846		Scanner Harness: Paper Feed Sensor	1 – 1	O/O	15	24	
	B1885846	Harness: DC: Scanner: Paper Feed Sensor					
AA060550		Pressure Spring – 770mm	2 – 2	O/O	15	25	
	AA066358	Spring: Pressure					
B0106257		Transport Exit Guide Plate	1 – 1	O/O	15	26	
	B1886257	Guide Plate: Exit: Transport					
A2966314		Guide Plate – Exit Outer	1 – 1	O/O	15	27	
	B1886314	Guide Plate: Exit: Outer: Unit					
B0106265		Exit Inner Guide Plate	1 – 1	O/O	15	30	
	B1886265	Guide Plate: Exit: Inner					
B0106163		Un Lock Lever	1 – 1	O/O	17	1	
	B1886163	Lever: Un Lock					
B0101464		Grounding Plate – Operation Panel	1 – 1	O/O	17	4	
	B1881464	Ground Plate: Operation Sub-Unit					
AA066328		Lock Spring	1 – 1	O/O	17	6	
	AA066360	Spring: Lock					
A2966172		Lever Hook	2 – 2	O/O	17	7	
	B1886172	Hook: lever					
A2966254		Coupling Bracket	1 – 1	O/O	17	10	
	B1886254	Bracket: Coupling					
A2966174		Stopper Hook Bracket	1 – 1	O/O	17	15	
	B1886174	Bracket: Stopper: Hook					
B0106153		Upper Front Stay	1 – 1	O/O	17	16	
	B1886153	Stay: Upper Front					
B0106157		Bracket - Positioning	1 – 1	O/O	17	28	
	B1886157	Bracket: Positioning					
B0106197		Rear Upper Guide Plate	1 – 1	O/O	19	18	
	B1886197	Guide Plate: Rear Upper					
B0101082		Left Rear Supporting Plate	1 – 1	O/O	21	1	
	B1881082	Supporting Plate: Left Rear					

Model: Dolphin	Date: 11-Oct-07	No.: MB010041
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Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0101081		Right Rear Supporting Plate	1 – 1	O/O	21	4	
	B1881081	Supporting Plate: Right Rear					
B0106116		Micro Switch Bracket	1 – 1	O/O	21	6	
	B1886115	Bracket: Micro Switch					
B0106351		Lower Front Cover - Scanner	1 – 1	O/O	21	9	
	B1886351	Cover: Scanner: Lower Front					
B0106456		Guide Plate - Lower Front (120V)	1 – 1	O/O	21	10	
	B1886456	Guide Plate: Lower Front: NA					
A2966101		Front Lower Guide Plate (220V)	1 – 1	O/O	21	10	
	B1886056	Guide Plate: Lower Front					
B0106096		Lower Rear Guide Plate	1 – 1	O/O	21	12	
	B1886096	Guide Plate: Lower Rear					
B0106051		Side Plate - Lower Left	1 – 1	O/O	23	1	
	B1886051	Side Plate: Lower Left					
B0106052		Side Plate - Lower Right	1 – 1	O/O	23	7	
	B1886052	Side Plate: Lower Right					
A1744600		Left Arm – Platen Roller	1 – 1	O/O	23	14	
	B1884600	Arm: Roller: Exposure: Left					
A1744602		Right Arm – Platen Roller	1 – 1	O/O	23	18	
	B1884602	Arm: Roller: Exposure: Right					
AA066329		Roller Exposure Spring	2 – 2	O/O	23	22	
	AA066361	Spring: Roller: Exposure					
AW020119		Photointerruptor - LG-248L1	1 – 1	O/O	23	29	
	GW020020	Photointerruptor: LG248NL1	1 – 1		41	2	
A2966108		Set Sensor Bracket	1 – 1	O/O	23	30	
	B1886108	Bracket: Set Sensor					
B0106126		Tightener Ass'y	1 – 1	O/O	23	37	
	B1886126	Tightener					
H0062479		Tightener Spring	1 – 1	O/O	23	40	
	AA066363	Spring: Tightener					
G0244777		Magnetic Catch	2 – 2	O/O	25	9	
	AG070504	Magnetic Catch: 44.1N	3 – 3		59	16	
B0102938		Right Slide Rail	1 – 1	O/O	29	1	
	B1882938	Slide Rail - Right					
B0102936		Left Slide Rail	1 – 1	O/O	29	5	
	B1882936	Slide Rail - Left					
B0102704		Roll Paper Holder	1 – 1	O/O	31	4	
	B1882704	Holder: Roll Paper					
B0102716		Stay - Exit Guide Plate	1 – 1	O/O	31	8	
	B1882716	Stay: Guide Plate: Exit					
AA063016		Pressure Spring	2 – 2	O/O	31	11	
	AA060974	Spring: Pressure: Brush Roller					
B0102710		Guide Plate – Exit Outer	1 – 1	O/O	31	13	
	B1882710	Guide Plate: Exit: Outer: Peen					
B0102773		Left Cover – Cutter Unit	1 – 1	O/O	31	20	
	B1882773	Cover: Cutter Unit: Left					
B0105832		Upper Paper Feed Harness	1 – 1	O/O	33	3	
	B1885832	Harness: Upper Paper Feed					

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Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0102722		Inner Guide Plate - Exit	1 – 1	O/O	33	5	
	B1882722	Guide Plate: Exit: Inner					
B0105562		Photo Reflection Sensor: PS-R50ND1-B	1 – 1	O/O	33	6	
	AW010111	Paper Feed Sensor					
B0102724		Guide Plate – Photo Reflection	1 – 1	O/O	33	7	
	B1882724	Guide Plate: Photo Reflection Sensor					
B0102807	B1882807	Positioning Plate (NA)	2 – 2	O/O	33	12	
B0105767		Upper Paper Feed Harness	1 – 1	O/O	33	15	
	B1885767	Harness: Upper Paper Feed					
B0105787		Harness – Roll End Sensor	1 – 1	O/O	35	28	
	B1885787	Harness: Siro-Sikan-Kenti					
52054527	AA066368	Spring - Exit	4 – 4	O/O	37	17	
B0105564		Photo Reflection Sensor: PS-R11ND1-B	2 – 2	O/O	37	20	
	AW010070	Paper Feed Sensor	1 – 1		59	5	
B0105786		Relay Harness - Roll End Sensor	1 – 1	O/O	37	21	
	B1885786	Harness: Paper End Sensor					
B0101111		Left Latch Bracket	1 – 1	O/O	41	1	
	B1881111	Bracket: Latch: Left					
B0101158		Development Coupling Bracket	1 – 1	O/O	41	4	
	B1881158	Bracket: Coupling: Development					
AA143440		Stepped Screw - M4	1 – 1	O/O	41	10	
	AA143545	Screw: M4	2 – 2		63	2	
AA060117		Spring	1 – 1	O/O	41	13	
	AA060969	Spring: Pressure Release	2 – 2		67	10	
54031910		Spring Anchor - Stopper Lever	1 – 1	O/O	41	14	
	AA143546	Anchor: Cassette Sensor	1 – 1		67	19	
B0101160		Development Drive Tightener	1 – 1	O/O	41	15	
	B1881160	Tightener: Drive: Development					
B0101110		Right Latch Bracket	1 – 1	O/O	41	19	
	B1881110	Bracket: Latch: Right					
AA060169		Spring – Lock Lever	1 – 1	O/O	41	20	
	AA060968	Spring: Lever: Lock					
B0102604		Lower Guide Plate (NA)	1 – 1	O/O	41	22	
	B1882604	Guide Plate: Manual Feed: Lower: NA					
B0102603		Lower Guide Plate	1 – 1	O/O	41	22	
	B1882603	Guide Plate: Manual Feed: Lower (EU)					
B0101286		Plate Nut – Key Counter	1 – 1	O/O	41	23	
	B1881286	Plate Nut: Key Counter					
B0102848		Torque Limiter Bracket	1 – 1	O/O	41	32	
	B1882848	Bracket: Torque Limiter					
B0101273		Key Counter Cover	1 – 1	O/O	41	33	
	B1881273	Cover: Key Counter					
B0101272		Key Counter Bracket	1 – 1	O/O	41	35	
	B1881272	Bracket: Key Counter					
A1743977		Duct Seal	2 – 2	O/O	43	1	
	B1883977	Shield: Duct: Exhaust: Entrance					
AA153131		Exit Shield - Exhaust Duct	1 – 1	O/O	43	3	
	B1883978	Shield: Duct: Exhaust: Exit					

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Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
A1633859		Right Positioning Bracket	1 – 1	O/O	43	8	
	B1883859	Bracket: Positioning: T/S Corona: Right					
B0103853	B1883855	Sheet: Entrance: Transfer: Unit	1 – 1	O/O	43	12	
A1633861		Left Positioning Bracket	1 – 1	O/O	43	14	
	B1883861	Bracket: Positioning: T/S Corona: Left					
A1743965		Upper Transfer Tank	1 – 1	O/O	45	5	
	B1883965	Vacuum: Upper: Unit					
A1743948		Transfer Guide Plate	1 – 1	O/O	45	6	
	B1883948	Guide Plate: Transport					
A1743958		Bushing Bracket	1 – 1	O/O	45	7	
	B1883958	Bracket: Bushing					
B0105460		EPDB Board	1 – 1	O/O	45	8	
	B1885460	PCB:FPDB					
B0103662		Caution Decal - Used Toner	1 – 1	O/O	45	13	
	B1253662	Decal: Toner Recycling			91	2	
A1743953		Motor Seal	2 – 2	O/O	45	23	
	B1883953	Shield: Fan: Sirocco					
AF020376		Transfer Belt Drive Roller	1 – 1	O/O	45	27	
	AF020610	Roller: Transfer Belt: Drive					
B0101285		Main Switch Guard	1 – 1	O/O	47	5	
	B1881285	Guard: Main Switch					
B0105885		Development Unit Harness	1 – 1	O/O	47	6	
	B1885885	Harness: Development Unit					
B0102620		Registration Guide Stay	1 – 1	O/O	47	10	
	B1882620	Stay: Registration Guide					
B0105813		Registration Sensor Harness	1 – 1	O/O	47	11	
	B1885813	Harness: Registration Sensor					
B0101952		Vacuum Duct	1 – 1	O/O	47	12	
	B1881952	Duct: Vacuum			63	13	
B0105889		Grounding Wire - Registration	1 – 1	O/O	47	16	
	B1885889	Ground Wire: Registration					
A1632590	B1883136	Right Positioning Bracket	1 – 1	O/O	47	20	
B0102622		Registration Guide Spacer	2 – 2	O/O	47	21	
	B1882622	Spacer: Registration Guide					
A1743827		Lamp Stay – Pre-transfer	1 – 1	O/O	47	22	
	B1883827	Stay: Pre-transfer Lamp					
A1743826		Adjusting Plate Roller	1 – 1	O/O	47	24	
	B1882571	Control Plate: Roller: Driven					
A1632596	B1883141	Left Positioning Bracket	1 – 1	O/O	47	25	
A1632554	B1882573	Middle Guide Plate	1 – 1	O/O	47	32	
AX200115		Spring Clutch	1 – 1	O/O	49	9	
	AX200272	Spring Clutch: Toner Hopper					
A1633145		Toner Supply Unit Plate	1 - 1	O/O	49	13	
	B1883145	Drum Stay: Toner Hopper					
52053103		Bushing – 6mm	1 - 1	O/O	49	16	
	AA080336	Bushing: DIA6					

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Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
54461134		Bearing Case	1 – 1	O/O	49	18	
	AA084057	Bearing Case: DIA26					
A1633101	B1883101	Filter Bracket	1 – 1	O/O	49	22	
B0103081		Development Unit Terminal	1 – 1	O/O	49	26	
	B1883081	Electrode Plate: Development					
AB030680		Drive Pulley - 103T	1 – 1	O/O	51	1	
	AB030777	Pulley: 103T					
B0105884		Separation Unit Harness	1 – 1	O/O	51	35	
	B1885884	Harness: DC: Separation Unit					
B0104112		Heater left Bracket	1 – 1	O/O	53	14	
	B1884112	Bracket: Heater: Left					
B0104286		Heater Left Cover	1 – 1	O/O	53	15	
	B1884286	Cover: Heater: Left					
B0104167		Left Lever - Cleaning Roller	1 – 1	O/O	53	17	
	B1884167	Lever: Cleaning Roller: Left					
54131882		Stepped Screw	3 – 3 4 – 4	O/O	53 55	18 1	
	AA143543	Screw: M4: DIA6X1.7: Black					
B0104121		Fusing Rear Stay	1 – 1	O/O	53	21	
	B1884121	Stay: Rear: Fusing					
B0104166		Right Lever - Cleaning Roller	1 – 1	O/O	53	23	
	B1884166	Lever: Cleaning Roller: Right					
B0104128		Motor Right Bracket	1 – 1	O/O	53	26	
	B1884128	Bracket: Motor: Right: Unit					
B0104144		Right Bracket - Photointerruptor	1 – 1	O/O	53	28	
	B1884144	Bracket: Photointerruptor: Right					
B0104136		Pressure Anchor Bracket	1 – 1 1 – 1	O/O	53 55	31 7	
	B1884136	Bracket: Anchor: Pressure					
AA060301		Spring – Cleaning blade	1 – 1 1 – 1	O/O	53 55	32 8	
	AA060966	Spring: Fusing: Cleaning blade					
B0104111		Heater Right Bracket	1 – 1	O/O	53	35	
	B1884111	Bracket: Heater: Right					
B0104285		Heater Right Cover	1 – 1	O/O	53	36	
	B1884285	Cover: Heater: Right					
AA120087		Fusing Discharge Brush	1 – 1	O/O	53	37	
	AA120127	Discharge Brush: Fusing					
AA143480		Screw – M3	4 – 4 17–17	O/O	53 57	39 6	
	AA143542	Screw: M3: DIA4X5.6					
B0104131		Pressure Lever	2 – 2	O/O	55	2	
	B1884131	Lever: Pressure					
B0104155		Left Side Plate - Fusing	1 – 1	O/O	55	3	
	B1884155	Side Plate: Fusing: Left					
B0104141	B1884141	Fusing Entrance Guide Plate	1 – 1	O/O	55	5	
B0104132		Middle Pressure Lever	2 – 2	O/O	55	9	
	B1884132	Lever: Pressure: Middle					
B0104129		Motor Left Bracket	1 – 1	O/O	55	12	
	B1884129	Bracket: Motor: Left: Unit					
A1634117		Thermistor Bracket	1 – 1	O/O	55	20	
	B1884119	Bracket: Thermistor					

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Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0104126		Fusing Lower Stay	1 – 1	O/O	55	23	
	B1884126	Stay: Fusing: Lower					
B0104150		Right Side Plate - Fusing	1 – 1	O/O	55	24	
	B1884150	Side Plate: Fusing: Right					
B0104145		Left Bracket - Photointerruptor	1 – 1	O/O	55	26	
	B1884145	Bracket: Photointerruptor: Left					
B0104093		Pressure Roller Stay	1 – 1	O/O	55	29	
	B1884093	Stay: Stripper Pawls: Pressure Roller					
08073005		Washer - Reverse Gear	n – n	O/O	57	102	
	07010050N	Washer: DIA5					
B0104461		Grounding Wire – Paper Exit Unit	2 – 2	O/O	59	1	
	B1884461	Ground Wire: Paper Exit Unit					
B0105882		Paper Exit Unit Harness	1 – 1	O/O	59	6	
	B1885882	Harness: DC: Paper Exit Unit					
B0104305		Exit Unit Stay	1 – 1	O/O	61	18	
	B1884305	Stay: Fusing/Paper Exit Unit					
B0104321		Paper Exit Unit Arm	1 – 1	O/O	61	4	
	B1884321	Arm: Drive: Fusing/Paper Exit Unit					
A1634159		Lock Positioning Plate	2 – 2	O/O	61	14	
	B1884159	Positioning Plate: Lock					
B0101175		Fusing Drive Tightener	1 – 1	O/O	63	3	
	B1881175	Tightener: Drive: Fusing					
B0101174		Motor Guide Plate - Fusing	1 – 1	O/O	63	4	
	B1881174	Guide Plate: Motor: Fusing					
AX060197		DC Motor - 24V 20W	3 – 3	O/O	63	5	
	AX060294	DC Motor: MM62:DC24V 20W					
AA060354		Pressure Spring	1 – 1	O/O	63	24	
	AA060967	Spring: Roller: Driven: 2.99N					
B0101165		Motor Guide Plate - Development	1 – 1	O/O	63	27	
	B1881165	Guide Plate: Motor: Development					
AX060108		Motor - DC24V 45W	1 – 1	O/O	63	28	
	AX060293	Brushless Motor: DC24V:45W:S					
B0101193		Tightener Bracket – Main Drive	1 – 1	O/O	63	29	
	B1881193	Bracket: Tightener: Drive: Drum					
B0101186		Main Motor Bracket	1 – 1	O/O	63	30	
	B1881186	Bracket: Motor: Main					
B0102954	B1882954	Guide Plate	1 – 1	O/O	65	2	
B0105886		Paper End Sensor Harness	1 – 1	O/O	67	3	
	B1885886	Harness: Paper End Sensor					
B0101096		Guide Plate – Left Hinge	1 – 1	O/O	67	12	
	B1881096	Guide Plate: Hinge: Left					
B0101118		Left Lower Bracket - Gas Spring	1 – 1	O/O	67	15	
	B1881118	Bracket: Gas Spring: Left Lower					
B0101094	B1881094	Left Hinge Bracket	1 – 1	O/O	67	18	
B0101115		Left Bracket - Fusing Unit	1 – 1	O/O	67	20	
	B1881115	Bracket: Fix: Fusing Unit: Left					
A0905596		LED Grounding Wire	1 – 1	O/O	67	21	
	B1885596	Ground Wire: LED Head: Front					

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Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0101114		Right Bracket - Fusing Unit	1 – 1	O/O	67	23	
	B1881114	Bracket: Fix: Fusing Unit: Right					
B0101083		Support Plate - Rear Side Plate	2 – 2	O/O	67	25	
	B1881083	Supporting Plate: Side Plate: Rear					
B0101117		Right Lower Bracket	1 – 1	O/O	67	26	
	B1881117	Bracket: Gas Spring: Right Lower					
B0101093	B1881093	Right Hinge Bracket	1 – 1	O/O	67	27	
B0101095		Guide Plate – Right Hinge	1 – 1	O/O	67	28	
	B1881095	Guide Plate: Hinge: Right					
B0101293		Earth Bracket – Left Front	1 – 1	O/O	69	1	
	B1881293	Bracket: Earth: Left Lower					
B0101263		Left Lower Cover Bracket	1 – 1	O/O	69	3	
	B1881263	Bracket: Cover: Lower Left					
B0102994		Left Positioning Plate	1 – 1	O/O	69	6	
	B1882994	Positioning Plate: Left: Peen					
B0101252		Cover Fixing Bracket	1 – 1	O/O	69	14	
	B1881252	Bracket: Cover					
B0102982		Right Positioning Plate	1 – 1	O/O	69	17	
	B1882982	Positioning Plate: Right: Peen					
B0101255		Cover Bracket – Lower Right	1 – 1	O/O	69	18	
	B1881255	Bracket: Cover: Lower Right					

Model: Dolphin		Date: 14-Dec-07	No.: MB010042
Modified Article: Hot Roller		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☒ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards ☐ Part standardization ☐ Product Safety ()		

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
AE011055	AE011118	Hot Roller	1 - 1	O/O	53	16	

Change: Part number
Reason: Vender change

Model: Dolphin		Date: 8-Feb-08	No.: MB010043
Modified Article: Paper Holder Brake		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards () ☒ Part standardization ☐ Product Safety		

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B3532766		PAPER HOLDER BRAKE	2 - 2	O/O	39	3	
	B1882666	BRAKE:PAPER HOLDER					
B0105973		POWER PACK BRACKET - T/S	1 - 1	O/O	67	20	
	B1885973	BRACKET:POWER PACK					
B1885973		BRACKET:POWER PACK	1 - 1	O/O	67	20	
	B1885972	BRACKET:POWER PACK:T/S					

Change/ Reason: Due to part standardization with Dolphin-C2.

Model: Dolphin		Date: 14-Mar-08	No.: MB010044
Modified Article: HDD		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B1795995		HDD: HITACHI: 40GB: PATH-KAI: ROHS	2 - 2	O/O	69	11	
	B2475238	HDD: PATH2: 40GB CLIP: MASTER					

Change/Reason: The manufacturer stopped making the old part.

Model: Dolphin		Date: 25-Sep-08	No.: MB010045
Modified Article: Parts Catalog		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ Vendor change ☐ Other ☐ To facilitate assembly ☐ To improve reliability ☐ To meet standards () ☒ Part standardization ☐ Product Safety		

Change/ Reason: Due to parts standardization with Dolphin-C2

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B1881284	B1881289	Inner Cover: Right Upper	1 – 1	O/O	11	1	
B1881271	B1881276	Inner Cover: Left	1 – 1	O/O	11	10	
B1881257	B1881267	Cover: Left Upper	1 – 1	O/O	11	16	
B1881267	B1881347	Cover: Left Upper	1 – 1	O/O	11	16	
B1881270	B1881275	Inner Cover: Right	1 – 1	O/O	11	29	
B1881250	B1881340	Cover: Right Upper	1 - 1	O/O	11	34	
B0103982		Ozone Filter Case	1 - 1	O/O	43	6	
	D0463982	Case: Ozone Filter					
B1883948	B1883957	Guide Plate: Transport	1 - 1	O/O	45	6	
B0103954		Vacuum Duct	2 - 2	O/O	45	24	
	D0463954	Vacuum: Duct					
B1884141	B1884146	Fusing Entrance Guide Plate	1 - 1	O/O	55	5	
B1881263		Bracket: Cover: Lower Left	1 – 1	O/O	69	3	
	B1881296	Bracket: Cover: Left Lower					
B1881255		Bracket: Cover: Lower Right	1 – 1	O/O	69	18	
	B1881295	Bracket: Cover: Right Lower					

Model: Dolphin		Date: 2-Mar-09	No.: MB010046
Modified Article: Power Supply Unit		Prepared by: F.Noguchi	
From: 2nd Tech. Support Sec. Service Support Dept.			
Reason for Modification:	☐ Parts catalog correction ☐ To facilitate assembly ☐ Part standardization	☒ Vendor change ☐ To improve reliability ☐ Other	☐ To meet standards ()

Old part number	New part number	Description	Q'ty	Int	Page	Index	Note
B0105706		Power Supply Unit – 230V	1 –1	O/O	65	14	
	B0109500	Power Supply Unit: 230V					
B0105708		Power Supply Unit – 120V	1 –1	O/O	65	14	
	B0109503	Power Supply Unit: 120V					

Change/Reason: The manufacturer stopped making the old part.



Part Change Information List

Date: March 31, 2010

Model	Code	PCIL Nr.	PCIL Correction	Old part number	New part number	Description	Old Q'ty	New Q'ty	Int	3DPC	Page	Index	Set	Set Int	RTB	Note	Ref. Nr.	ECN Nr.
D-C1	B010	201003		AX200115	AX200272	SPRING CLUTCH:TONER HOPPER	1	1	O/O		23	20					V0903043	



Part Change Information List

Date: April 1, 2015

Model	Code	PCIL Number	PCIL Correction	Old part number	New part number	Description	Old Q'ty	New Q'ty	Int	3DPC	Page	Index	Set	Set Int	RTB	Note	Ref Number	ECN Number
D-C1	B010	201503		A1653581	B2863581	CLEANING BLADE	1	1	O/O	N	50	19					V1400768	



Part Change Information List

Date: April 28, 2016

Model	Code	PCIL Number	PCIL Correction	Old part number	New part number	Description	Old Q'ty	New Q'ty	Int	3DPC	Page	Index	Set	Set Int	RTB	Note	Ref Number	ECN Number
D-C1	B010	201604		B0101103	D2061103	GROUND PLATE:DEVELOPMENT	1	1	X/O	N	25	14					V1600625	



Part Change Information List

Date: October 4, 2016

Model	Code	PCIL Number	PCIL Correction	Old part number	New part number	Description	Old Q'ty	New Q'ty	Int	3DPC	Page	Index	Set	Set Int	RTB	Note	Ref Number	ECN Number
D-C1	B010	201609		B1881094	D2121094	BRACKET:HINGE:LEFT	1	1	O/O	N	67	18					V1602387	15061312



Part Change Information List

Date: January 6, 2017

Model	Code	PCIL Number	PCIL Correction	Old part number	New part number	Description	Old Q'ty	New Q'ty	Int	3DPC	Page	Index	Set	Set Int	RTB	Note	Ref Number	ECN Number
D-C1	B010	201612		B1883957	D2123957	GUIDE PLATE:TRANSPORT	1	1	O/O	N	45	6					V1602387	15061312



Part Change Information List

Date: June 5, 2017

Model	Code	PCIL Number	PCIL Correction	Old part number	New part number	Description	Old Q'ty	New Q'ty	Int	3DPC	Page	Index	Set	Set Int	RTB	Note	Ref Number	ECN Number
D-C1	B010	201705		14021342		DIODE - 1SR154-400	-	0	X/O	N	82	140					V1700775	