

Model		Sorter for N220 (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua SR3018, infotec Sorter 9118)						Volt/Hz	Date of Modification	Serial Number	
Modified Article		Switch Covers									
Reason for Modification		To meet TUV standards									
Draw No.	Old Parts No.		New Parts No.	Description	A.B.C.	Q'ty Used Old - New	Inter-change-ability	Part needed for replacement by new part		Parts Catalog	
					Rank			Part No.	Description	Index No.	Page
			68025971	Home Position Switch Cover		0 - 1				#34	3
	03130140W			Philips Pan Head Screw - M3X14		2 - 0			X/CI as a set	102	3
			03130160W	Philips Pan Head Screw - M3X16		0 - 2	X/O			102	3
									#: New Index		
			68025972	Wheel Switch Cover		0 - 1				#35	5
	03130140W			Philips Pan Head Screw - M3X14		2 - 0			X/O as a set	102	5
			03130160W	Philips Pan Head Screw - M3X16		0 - 2	x/o			102	5
									#: New Index		

Rank: A : Replace with new parts immediately. B : Replace with new parts at time of repair. C : Replace with new parts at time of overhaul.

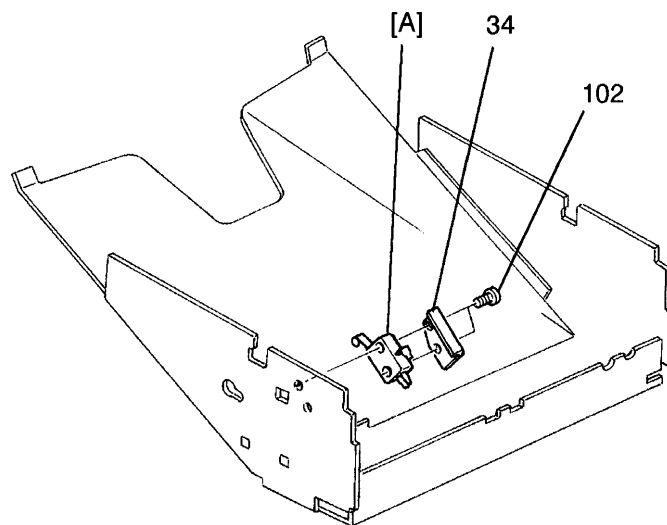
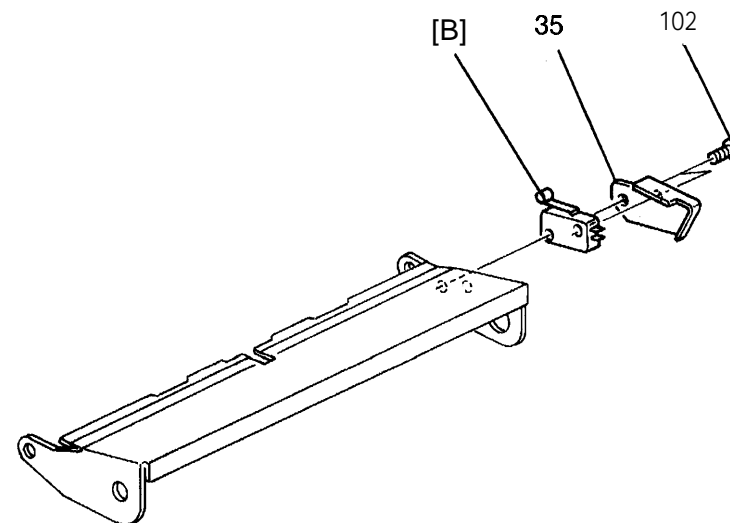
Interchangeability:

(1) When old and new parts are not mutually interchangeable, use additional parts or an assembly part as indicated in "Parts needed for replacement by new part" to install the new part.

(2) The mark to the left of the slash indicates whether the old part can be used in the new machine, and the mark to the right indicates whether the new part can be used in the old machine. x = Not interchangeable o = Interchangeable

DETAILS OF MODIFICATION

To meet TUV standards, the covers have been added to the home position switch [A] and the wheel switch [B] as shown in the illustration.

1.EXTERIOR (A490) (Page 2)2. TRANSPORT (A490) (Page 4)


M. Konno, Manager
Reprographic Q. A. Section

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	From First Production
Ricoh CS110	115/60 220,240/50	USA, Canada, Europe, etc.	A490-17	From First Production
Nashua SR3018	115/60 220,240/50	S. America, Europe, etc.	A490-25	From First Production
infotec Sorter 9118	220,240/50	Europe	A490-26	From First Production

Model		Soter for N220 (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua SR3018, infotec Sorter (9118))						Volt/Hz	Date of Modification	Serial Number	
Modified Article		Lock Washer									
Reason for Modification		To meet TÜV Standard									
Draw No.	Old Parts No.		New Parts No.	Description	A.B.C.	Q'ty Used Old → New	Inter-changeability	Part needed for replacement by new part		Parts Catalog	
					Rank			Part No.	Description	Index No.	Page
			07030050B	Lock Washer - M5		0 — 1				#121	3

Rank: A : Replace with new parts immediately. B : Replace with new parts at time of repair. C : Replace with new parts at time of overhaul.

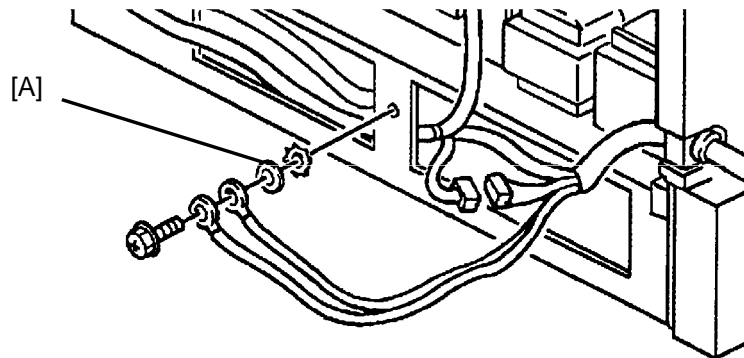
Interchangeability:

(1) When old and new parts are not mutually interchangeable, use additional parts or an assembly part as indicated in "Parts needed for replacement by new part" to install the new part.

(2) The mark to the left of the slash indicates whether the old part can be used in the new machine, and the mark to the right indicates whether the new part can be used in the old machine. x = Not interchangeable o = Interchangeable

DETAILS OF MODIFICATION

To meet TÜV Standard, the spring washer [A] has been added as shown in the illustration. This is one of the accessories.



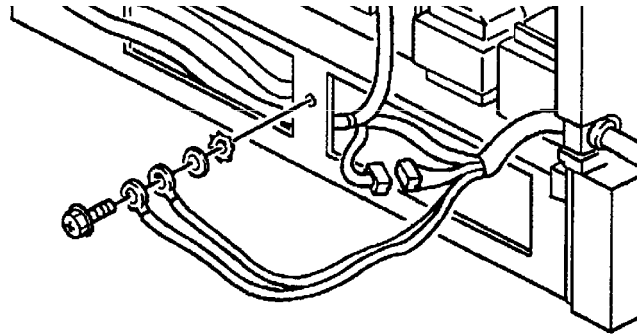
MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	3580081451
Ricoh CS110	115/60 220,240/50	USA, Canada Europe, etc.	A490-17	2600100001
Nashua SR3018	115/60 220,240/50	S.America Europe, etc.	A490-25	From First Production
Infotec Sorter 9118	220,240/50	Europe, etc.	A490-26	3980100001

Model	Sorter for N220 (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua SR3018, infotec Sorter 9118)	Volt/Hz	Date of Modification	Serial Number
Modified Article	Toothed Washer			
Reason for Modification	Part Catalog Correction			

The toothed washer [A] is missing from the parts catalog.
Please correct your parts catalog as follows:

Part Number	Description	Q'ty Used	Index No.	Page
07040040C	Toothed Washer -M4	1	#122	3

: New Index



T.Ito, Manager
Copier Technical Support

Model		Sorter for N220 (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua SR3018, infotec Sorter 9118)						Volt/Hz	Date of Modification	Serial Number	
Modified Article		Grounding Terminal									
Reason for Modification		To Meet Safety Standard									
Draw No.	Old Parts No.		New Parts No.	Description	A.B.C.	Q'ty Used Old → New	Inter-change-ability	Part needed for replacement by new part		Parts Catalog	
					Rank			Part No.	Description	Index No.	Page
	11000505	x		Pin-Mate-N-Lock							
			11000505B	Ground Terminal		1 - 1	X/O			102	9

Rank: A : Replace with new parts immediately. B : Replace with new parts at time of repair. C : Replace with new parts at time of overhall.
 Interchangeability:
 (1) When old and new parts are not mutually interchangeable, use additional parts or an assembly part as indicated in "Parts needed for replacement by new part" to install the new part.
 (2) The mark to the left of the slash indicates whether the old part can be used in the new machine, and the mark to the right indicates whether the new part can be used in the old machine. x = Not interchangeable o = Interchangeable

DETAILS OF MODIFICATION

To meet CSA Safety standards, the grounding terminal has been modified. Also, the vendor has been changed.

T.Ito, Manager
Copier Technical Support

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	3580080801
Ricoh CS110	115/60 220,240/50	USA, Canada Europe, etc.	A490-17	2600080001
Nashua SR3018	115/60 220,240/50	S.America Europe, etc.	A490-25	From First Production
infotec Sorter 9118	220,240/50	Europe. etc.	A490-26	3980800001

Model	Sorter for N220 (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua S3018, infotec Sorter 9118)	Volt/Hz	Date of Modification	Serial Number
Modified Article				
Reason for Modification				
<p>This MB number is skipped.</p> <p>T. Ito, Manager Copier Technical Support</p>				

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	

Model	Sorter for N220 (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua S3018, infotec Sorter 9118)	Volt/Hz	Date of Modification	Serial Number
Modified Article	Transistor			
Reason for Modification	Vendor change			

Due to vendor change, the following parts have been changed. The interchangeability is O/O.

Old P/N	New P/N	Description	Q'ty Used	Index No.	Page
14000135	A3275700	Transistor - 2SA1015-Y	2 → 0	109	7
		Transistor - KTA1266Y	0 → 2	109	7
14000072	A3275710	Transistor - 2SC372Y	1 → 0	108	7
		Transistor - KTC3198Y	0 → 1	108	7

T. Ito, Manager
Copier Technical Support

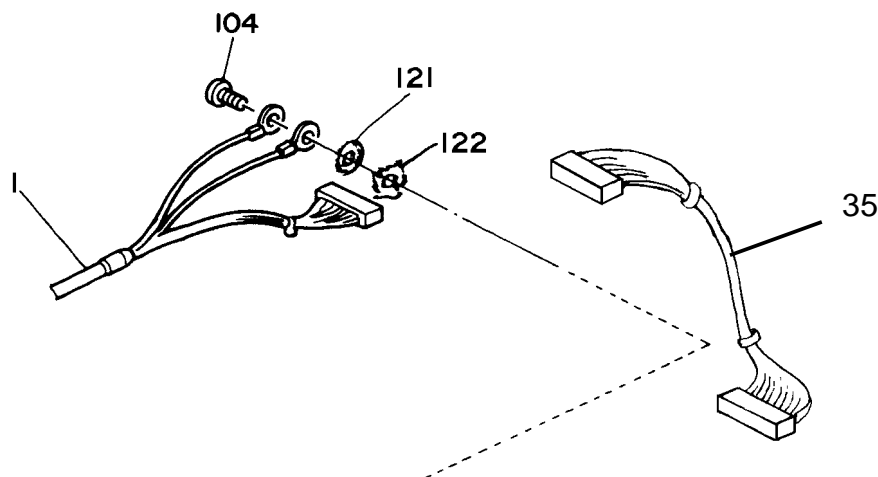
MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	

Model	Sorter for N220 and Pigeon (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua S3018, infotec Sorter 9118)	Volt/Hz	Date of Modification	Serial Number
Modified Article	Interface Harness			
Reason for Modification	To equip this sorter with the Pigeon series			

To equip this sorter with the Pigeon series, the interface harness has been newly added.

New P/N	Description	Index No.	Page
A4905620	Interface Harness	35	3

Note: This harness is used for the Pigeon series only. For N220, this harness is not used at the installation.



T. Ito, Manager
Copier Technical Support

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	358304XXXX
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	2603030001
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	196304XXXX
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	398043XXXX

Model		Sorter for N220						Volt/Hz		Date of Modification		Serial Number	
Modified Article		Antistatic Brush											
Reason for Modification		To reduce static electricity on copies											
Draw No.	Old Parts No.		New Parts No.	Description	Rank	Q'ty Used Old→New	Inter-change-ability	Parts needed for replacement by new part		Parts Catalog			
								Part No.	Description	No.	Page		
	A4902014			Antistatic Brush - Upper Guide		1 → 0				4	5		
	68022032			Antistatic Brush Angle		1 → 0		O/O as a set		3	5		
	09654008W			Tapping Screw with Flat Washer - M4 x 8		2 → 0			108	5			
			A5572101	Antistatic Brush		0 → 1		O/O as a set		36	5		
			08025235	Tapping Bind Screw - M4 x 6		0 → 2			110	5			
	67692272			Antistatic Brush		1 → 0		O/O as a set		10	3		
	68016211			Top Stay		1 → 0			9	3			
				A5572101	Antistatic Brush			0 → 1		35	3		

Rank: A : Replace with new parts immediately. B : Replace with new parts at time of repair. C : Replace with new parts at time of overhaul.

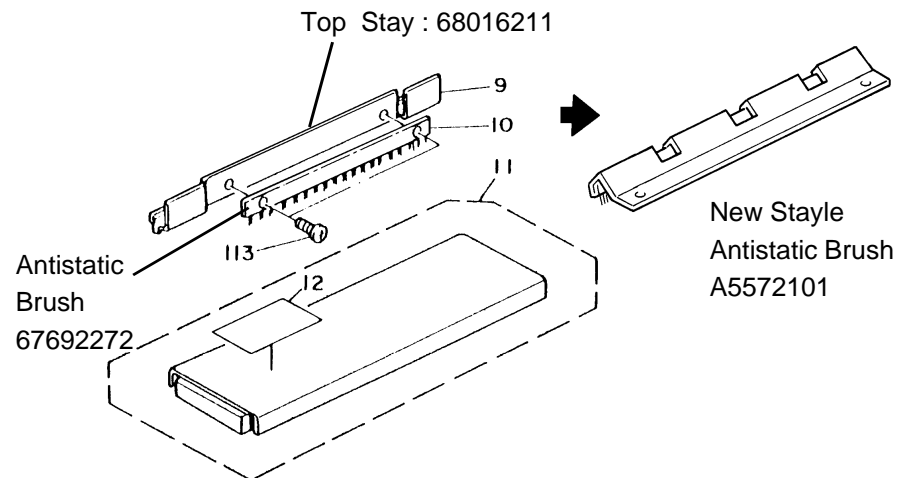
Interchangeability:

(1) When old and new parts are not mutually interchangeable, use additional parts or an assembly part as indicated in "Parts needed for replacement by new part" to install the new part.

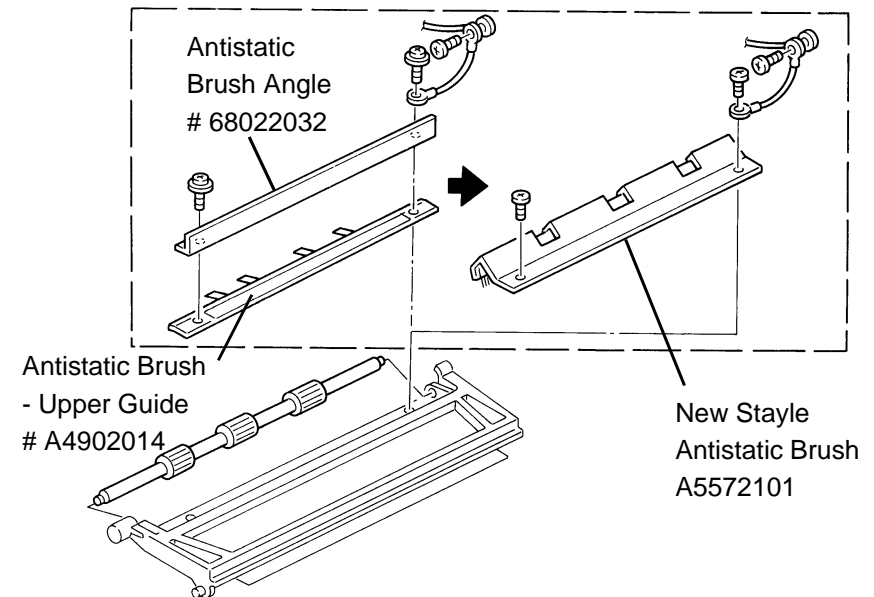
(2) The mark to the left of the slash indicates whether the old part can be used in the new machine, and the mark to the right indicates whether the new part can be used in the old machine. x = Not interchangeable o = Interchangeable

DETAILS OF MODIFICATION

1. EXTERIOR (A490)



2. TRANSPORT (A490)



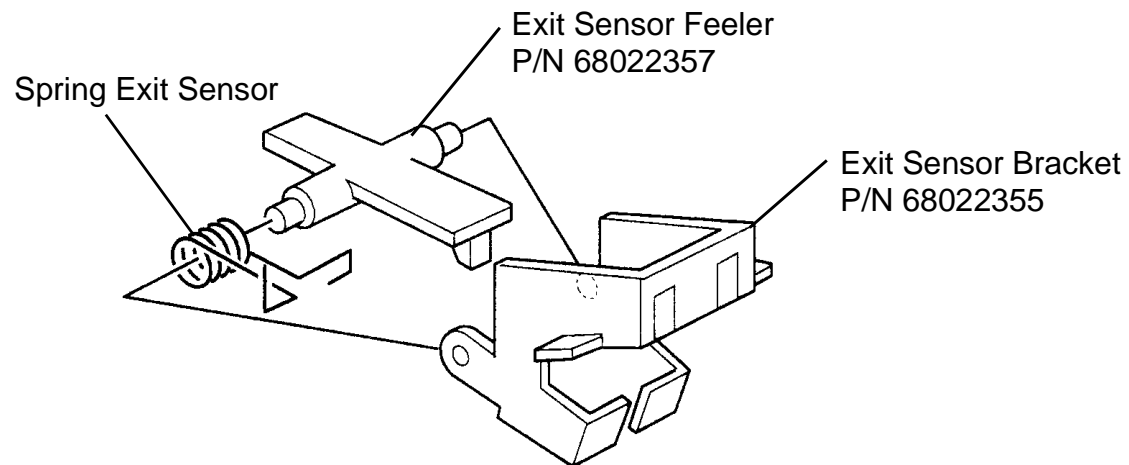
Technical Support Department

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	3585011402
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	2605010001
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	1965010001
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	3F00150001

Model	Sorter for N220	Volt/Hz	Date of Modification	Serial Number
Modified Article	Spring - Exit Sensor			
Reason for Modification	To ensure proper operation of the exit sensor			

To ensure proper operation of the exit sensor feeler, an exit sensor spring has been added.

Old P/N	New P/N	Description	Q'ty Used	Inter-change-ability	Parts Catalog	
					Index No.	Page
	A5572143	Spring - Exit Sensor	0 → 1		37	5



M. Iwasa, Manager
Technical Support Department

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	3585052112
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	2605050001
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	1965050001
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	3F00550001

MODIFICATION BULLETIN NO. 10

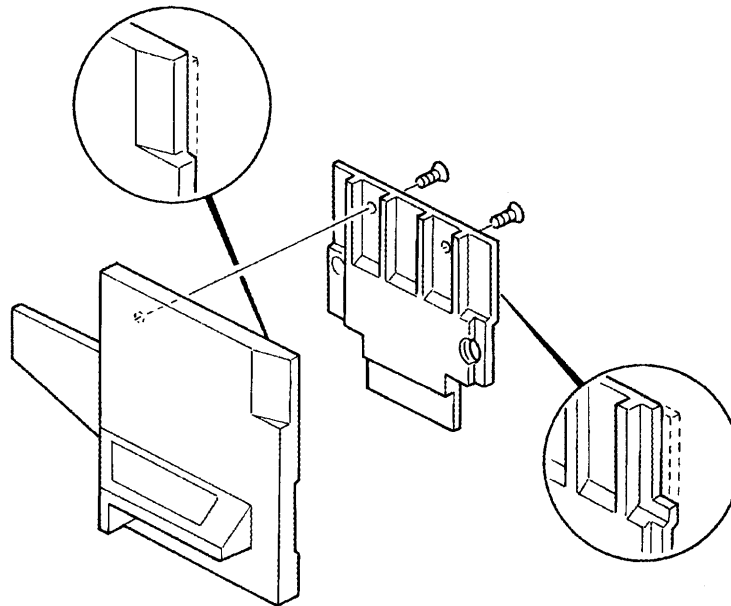
PAGE 1 OF 3

ISSUED ON: September 30.'95

[illegible]

DETAILS OF MODIFICATION

The main switch for the Ibis copier (-10, -15, -17 versions only) has been modified to a larger switch to comply with Energy Star requirements. The Front Cover and Front Support Cover have been modified because they may interfere with the new main switch of the Ibis copier.



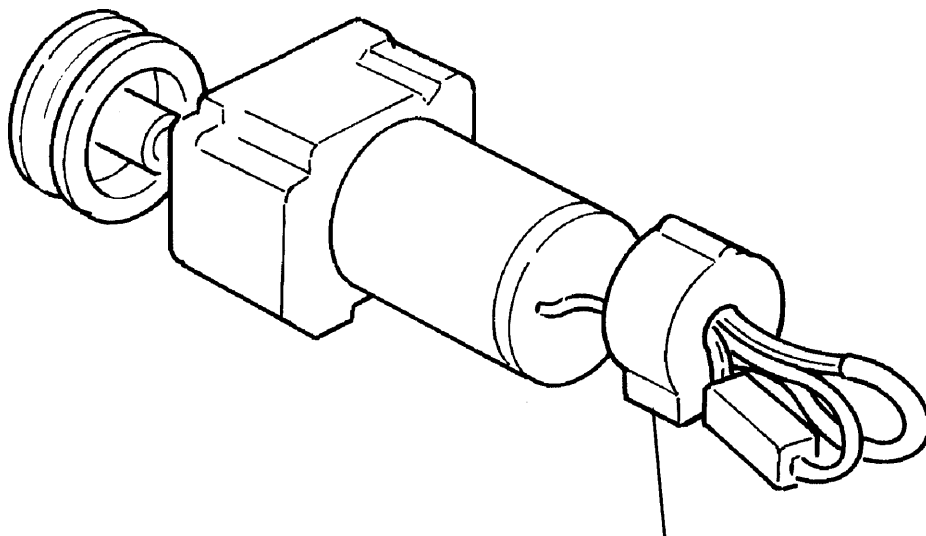
Please use the new sorter for the Ibis copier modified for Energy star.
For Ibis copiers before modification or versions other than -10, -15, -17 and for other models, the old or new sorter can be installed.

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	3585052112
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	2605040001
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	1965040001
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	3F00450001

Model	Sorter for N220, Pigeon, Ibis (-17, -25,-26 only)	Volt/Hz	Date of Modification	Serial Number
Modified Article	Ferrite Core		-	
Reason for Modification	To comply with CE Mark standards			

To comply with CE mark standards, a Ferrite Core has been added on the transport motor lead wire.

Old P/N	New PIN	Description	Q'ty Used	Inter-change-ability	Parts Catalog	
					Index No.	Page
	16070663	Ferrite Core TFC-20-10-10	0 - 1		111	5



Ferrite Core

M. Iwasa, Manager
Technical Support Department

MODEL NAME	V/HZ	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	2605070587
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	1965070001
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	3F00750001

Model	Sorter for N220	Volt/Hz	Date of Modification	Serial Number
Modified Article	Sorter Mainboard			
Reason for Modification	To improve reliability			

To improve reliability, the sorter main board has been changed.

Old P/N	New P/N	Description	Q'ty Used	Inter-change-ability	Parts Catalog	
					Index No.	Page
68015510	68015505	Sorter Mainboard	1 → 1	X / O	2	3
16061109		Capacitor 50V 0.1 MF	7 → 5		122	7
16114153		Resistor 15Kohm 1/4T± 5%	1 → 3		126	7
16114222		Resistor 2.2Kohm 1/4T± 5%	2 → 0		127	7

C104, C106 → Removed

R105, R109 → Changed to P/N 16114153



T. Inoue, General Manager
1st Field Information Dept. QAC

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	From next Production
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	2606010001
Nashua SR3018	115/60 220, 240/50	S. America, Europe, etc.	A490-25	1966030001
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	From next production

Model	Sorter for N220 and Pigeon (Ricoh CS110, Savin 10 Bin Sorter for 7180, Nashua SR3018, Infotec Sorter 9118)	Volt/Hz	Date of Modification	Serial Number
Modified Article	Capacitor			
Reason for Modification	To increase the reliability of the capacitor function			

Some sorters have malfunctioned due to insufficient reliability of the capacitor on the sorter main board. To improve the reliability, the capacitor has been changed from 1000PF - 20% +80% 50V to 1000PF $\pm 10\%$ 25V

Old P/N	New P/N	Description	Q'ty Used	Inter-change-ability	Parts Catalog	
					Index No.	Page
16061336	16061357	Capacitor - 1000PF $\pm 10\%$ 25V	2	X/O	123	7

T. Inoue

I. Inoue, General Manager
1st Field Information Dept. QAC

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Savin 10 Bin Sorter for 7180	115/60	USA, Canada	A490-15	358605XXXX
Ricoh CS110	115/60 220, 240/50	USA, Canada Europe, etc.	A490-17	2606050001
Nashua SR3018	115/60 220, 240/50	S. America Europe, etc.	A490-25	196605XXXX
Infotec Sorter 9118	220, 240/50	Europe, etc.	A490-26	398056XXXX