# PAGE 1 OF 3

Model	PDC - 10E	Volt/Hz	Date of Modification	Serial Number
Modified Article	Parts Catalog			
Reason for  Modification	Parts Catalog Correction (-27 machines only)			

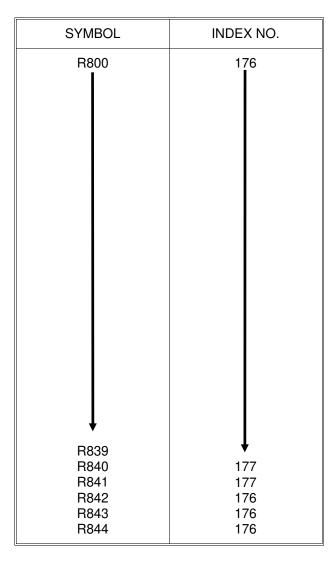
Incorrect P/N	correct P/N Correct P/N Description Q'ty Used		Q'ty Used	Parts C	Parts Catalog	
IIICOITECT F/IN	Correct P/N	N Description	Q ty Osed	Index No.	Page	
A1055250	A1055252	Video Processing Board	1	8	25	
A0495300	A1055300	Scanner Coaxial Harness	1	24	27	
A1051856	A1051857	CCD Drive Board Set	1	4	27	

Old P/N	New P/N	Description	Q'ty Used	Parts C	ts Catalog	
Old F/N	New F/N	Description	$Old \to New$	Index No.	Page	
A1055270	A1055274	Scanner Control Board	1 → 1	9	25	
				*	105	
16070339—		IC-DS1000M - 50	4 → 0			
	16070345	Delay Line	0 → 2	161	105	
16041353		Capacitor 47UF 10V	1 → 0			
L	16402470	Capacitor 47UF ±20% 25V	0 → 1	153	105	
	16020989	Capacitor and Coil 100pF100V	0 → 8	174	105	
	16027002	Capacitor 50V 100MHOM	0 → 1	175	105	
	16303470	Resistor 470 OHM ±5% 1/10W	0 → 43	176	105	
	16330000	Resistor 0 OHM ±1% 1/10W	0 → 2	177	105	

Please add the following table to page 104 of your parts catalog.

SYMBOL	INDEX NO.
IC746	161
IC750	161

SYMBOL	INDEX NO.
NF701	174
NF702	174
NF703	174
NF704	174
NF705	174
NF706	174
NF707	174
NF708	174
NF734	175



MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Ricoh NC8115	115 / 60	USA, CANADA	A105-17	
Ricoh NC8115	230 / 60	EUROPE	A105-27	

# MODIFICATION BULLETIN NO. 2

# PAGE 1 OF 2

## ISSUED ON: July 15, '95

Model	PDC - 10E	Volt/Hz	Date of Modification	Serial Number
Modified Article	SUB Hopper Unit			
Reason for Modification	Material change			

011541				Parts 0	ts Catalog	
Old P/N N	New P/N	Description	Q'ty Used	change- ability	Index No.	Page
AD001031	AD001039	SUB Hopper Unit	4 → 4	O/O	*	51

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Ricoh NC8115	115 / 60	USA, CANADA	A105-17	
Ricoh NC8115	230 / 60	EUROPE	A105-27	

Model	PDC - 10E	Volt/Hz	Date of Modification	Serial Number
Modified Article	Transport Fan Motor			
Reason for Modification	Vender change			

Due to a vender change, the following part has been changed.

	Inter-	Parts Catalog				
Old P/N	New P/N Description		Q'ty Used	change- ability	Index No.	Page
AX050008	AX650018	Transport Fan Motor $2 \rightarrow 2$		12	91	
			1 → 1	O/O	30	93

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Ricoh NC8115	115 / 60	USA, CANADA	A105-17	
Ricoh NC8115	230 / 60	EUROPE	A105-27	

ISSUED ON: August 31, '95

	Model	PDC-10E (-2	27 machine only)					Volt/Hz	Date of Modification	Se Nun	rial nber
Мо	odified Article	Parts Catalo	g								
	Reason for	Parts Catalo	g Correction								
Draw	Incorrect	Correct No.	Description	Rank	Q'ty Used Old→New	Inter- change- ability	Parts neede	d for replacem	ent by new part	Pa Cat	rts alog
No.	No.	Correct No.		Hank C			Part No.	Desc	ription	No.	Page
	A1055250	A1055252	Video Processing Board		1 → 1					8	25
	A1051691	A1051693	Left Inner Cover		1 → 1					10	25
	A0491709	A1051709	Left Scale Bracket		1 → 1					19	25
	A0491708	A1051708	Right Scale Bracket		1 → 1					24	25
	A0491695	A1051696	Right Inner Cover		1 → 1					32	25
	A0491699	A1051699	Middle Inner Cover		1 → 1					33	25
	A1051856	A1051857	CCD Drive Board Set		1 → 1					4	27
	A0491895	A1051896	Left Upper Cover - Scanner		1 → 1					12	27
	A0491898	A1051898	Right Upper Cover - Scanner		1 → 1					23	27
	A0495300	A1055300	Scanner Coaxial Harness		1 → 1					24	27

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

C : Replace with new parts at time of overhaul.

<sup>(1)</sup> 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.

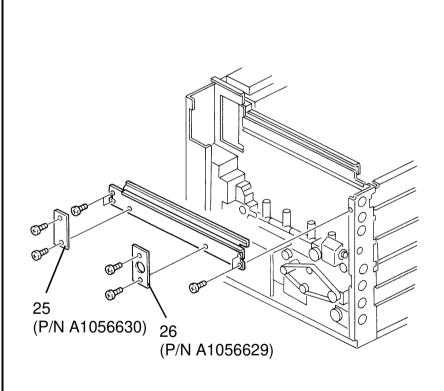
<sup>(2)</sup> The mark to the left of the slash indicates whether the old part can be used in the new machine, and the mark to the right indicates whether the new part can be used in the old machine. x = Not interchangeable o = Interchangeable

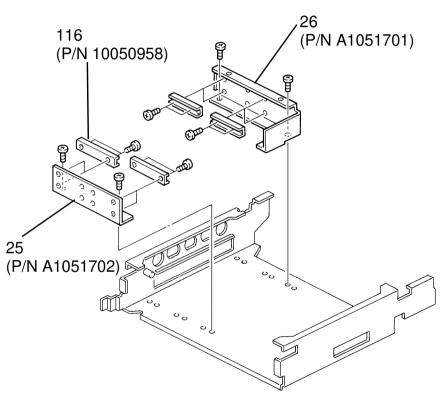
PAGE 2 OF 4

ISSUED ON: August 31, '95

Draw No.	Incorrect Parts No.		Correct Parts No.	Description	Rank	Q'ty Used Old → New	Inter- change-	Part needed fo	r replacement by new part		rts alog
NO.	Parts No.		Parts No.	-		Old → New	ability	Part No.	Description	No.	Page
	A0491704 -	7		PCB Guide Bracket - Front		1 → 0				1	29
	A0491705			PCB Guide Bracket - Front Right		1 → 0				2	29
			A1051702	PCB Guide Bracket - Front		0 → 1				* 25	
	A0491701			PCB Guide Bracket - Rear Left		1 → 0				4	29
	A0491703 -	1		PCB Guide Bracket - Rear Right		1 → 0				5	29
	A0491702			PCB Guide Bracket - Rear		1 → 0				6	29
		L	A1051701	PCB Guide Bracket - Rear		0 → 1				* 26	
	10050907			Rail - 50 x 6040		2 → 0				110	29
	10050785			PCB Guide Rail		$n \rightarrow n-2$				115	29
		L	10050958	PCB Guide Rail		0 → 8				* 116	
			03540060B	Screw - M4 x 6		n → n-1				101	
			03530060B	Screw - M3 x 6		n → n+16				*	29
			A1056630	Scanner Ground Bracket - Right		0 → 1				* 25	
			A1056629	Scanner Ground Bracket - Left		0 → 1				* 26	
			03540060B	Screw - M4 x 6		$n \rightarrow n+4$				101	95

# **DETAILS OF MODIFICATION**





ISSUED ON: August 31, '95

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Ricoh NC8115	115 / 60	USA, CANADA	A105-17	
Ricoh NC8115	230 / 60	EUROPE	A105-27	

ISSUED ON: November 30, '95

	Model	PDC - 10E						Volt/Hz	Date of Modification	Se Nun	rial nber
Me	odified Article	Rear Left Co	over, etc.								
	Reason for	To comply w	vith CE mark standards								
Draw	Old Parts	New Parts			Q'ty Used	Inter- change-	Parts neede	d for replaceme	ent by new part	t by new part Parts Catalog	
No.	No.	No.	No.	( )Id \ NOW	-	Part No.	Desci	ription	No.	Page	
	A0491290	A1051290	Rear Left Cover		1 → 1	X/O		-17, -25, -27		17	13
	03440060F		Philips Truss Head Screw M4 x 6		n → n+2			-17, -25, -27		101	13
		A1051292	Bracket - Rear Left Cover		0 → 1			-17, -25, -27		48	13
		A1095731	IPU Cover Seal		0 → 4			-25, -27		49	13
		A1095720	Seal - 9.5 x 9.5 x 125		0 → 2			-25, -27		50	13
	A049 1465	A1051465	Operation Panel Lower Cover		1 → 1	X/O		-17, -25, -27		69	21
	A092 1521	A1051521	Left Lower Bracket - Operation Panel		2 -> 2	X/O		-17, -25, -27		67	21
	A049 1522	A1051522	Right Lower Bracket		1 → 1	X/O		-17, -25, -27		68	21
	A0921522	A1051523	Operation Panel Bracket		3 → 3	X/O		-17, -25, -27		64	21

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:

<sup>(1)</sup> 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.

<sup>(2)</sup> 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

ISSUED ON: November 30, '95

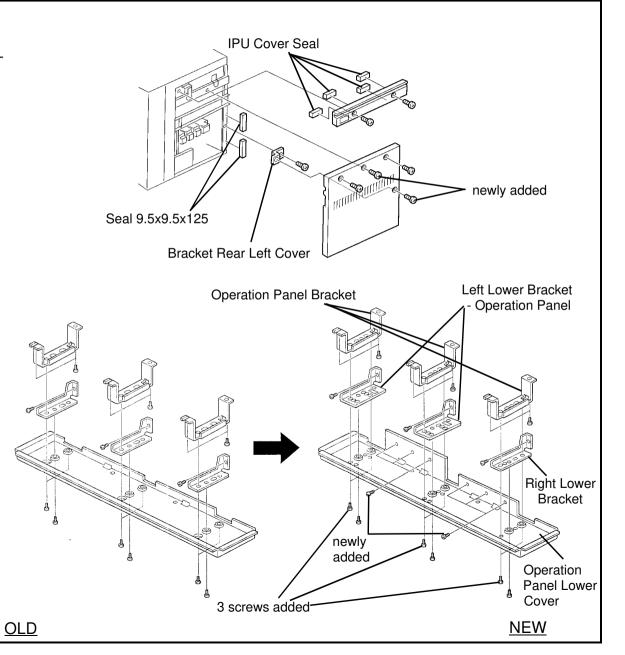
Draw No.	Old Parts No.	New Parts No.	Description	Rank	Q'ty Used Old → New	Inter- change- ability	Part needed for replacement by new part			arts talog
INO.	NO.	NO.			Old → New		Part No.	Description	No.	Page
	03540060B				n →n+9			-17, -25, -27		
	A1055191	A1055192	IPU Relay Harness		1 → 1	X/O		-25, -27	7	96
	A1055666	A1055670	Laser Unit Data Harness		1 → 1	X/O		-25, -27	8	93
	A1055664	A1055665	Laser Unit Main Harness		1 → 1	X/O		-25, -27	6	35
		16070881	Ferrite Core		0 → 1			-25, -27	108	17
	A0491706	A1051706	Exposure Glass		1 → 1	X/O		-25, -27	14	25
	A1051708	A1051710	Right Scale Bracket		1 → 1	X/O		-17, -25, -27	24	25
		A1051960	Front Scale Spacer		0 → 1			-25, -27	37	25
		A1051961	Right Scale Spacer		0 → 1			-25, -27	38	25
		09513004W	Philips Screw with Flat Washer - M3 x 4		0 → 14			-25, -27	106	25

#### **DETAILS OF MODIFICATION**

To comply with the CE mark standards, the following modifications have been made.

1. To improve grounding, two screws have been added to secure the rear left cover. Also, the IPU cover seal and seal 9.5x9.5x125 have been added.

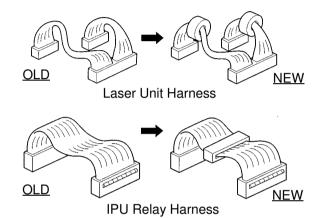
 To improve grounding, six screws have been added to secure the operation panel lower cover to the main frame.
 To improve grounding, three screws have been added to attach the operation panel assembly to its brackets.

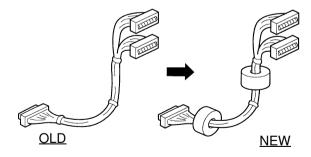


#### **DETAILS OF MODIFICATION**

3. To reduce electrical noise, ferrite cores have been added to the IPU relay harness, the laser unit main harness, and the laser unit data harness.

A ferrite core (P/N 16070881) has been added also to the LED harness inside the editor board.

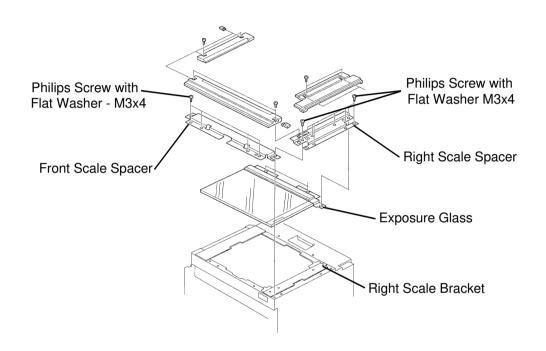




Laser Unit Main Harness

4. To reduce the electrical noise, spacers made of copper plate have been added around the exposure glass.

The front scale spacer and the right scale spacer are copper plates, and a similar copper plate is attached to the rear edge of the exposure glass.



ISSUED ON: November 30, '95

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Ricoh NC8115	115 / 60	USA, CANADA	A105-17	A3585090001
Ricoh NC8115	230 / 50	EUROPE	A105-27	A3585090014

Model	PDC - 10E	Volt/Hz	Date of Modification	Serial Number
Modified Article	Transfer Belt			
Reason for Modification	To reduce contamination of the transfer belt			

To reduce contamination of the transfer belt, the surface finishing has been improved.

OLL DAL	New P/N	Description	0, 11	Inter-	Parts Catalog	
Old P/N			Q'ty Used	change- ability	Index No.	Page
A1053850	A1053852	Transfer Belt	1 → 1	X/O	19 19	57 59

#### ISSUED ON:October 15, '95

MODEL NAME	V/Hz	DESTINATION	CODE	SERIAL NUMBER
Ricoh NC8115	115 / 60	USA, CANADA	A105-17	A3585090001
Ricoh NC8115	230 / 60	EUROPE	A105-27	A3585090014

#### MODIFICATION BULLETIN NO. 7

# PAGE 1 OF 1

ISSUED ON: June 15, '96

Model	PDC - 10E	Volt/Hz	Date of Modification	Serial Number		
Modified Article	Oscillator	No serial number cut-in information.				
Reason for Modification	Vendor change					

Due to a vendor change, the following part has been changed.

0	New P/N			Inter-	Parts Catalog		
Old P/N		Description	Q'ty Used	change- ability	Index No.	Page	
15030182	15030716	Crystal Oscillator - 12MHZ	1 → 1	O/O	134	111	

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1st Field Information Dept. QAC