ISSUED ON August 27th, 1993

Model		CSI/CRO L	JSA Version (FAX2500L/35	500L)			Date of M	lodification	
Modified Artic	le	Various					Executi	ion Date	
Reason for Modification			rts catalog correction				production.		
Old Dord No	Nov	v Dowt No	Doogwinti		Q'ty Used	Interchange-	Domoviko	Parts Cat	talog
Old Part No.	nev	v Part No.	Description	on ————	$Old \to New$	ability	Remarks	Index No.	Page
AA143287			Stepped Screw - M3		1 →1		To be used only in CSI	13	1-5
H0812260			Right Ground Plate - Cop	y Out	1 →1		To be used in both CSI and CRO	106	1-7
H0813388			Paper Size Detector Pin -	Legal - Ricoh	1 →1		To be used only in CSI	28	1-13
H0813409			Standard Pin		1 →1		To be used only in CSI	78	1-11
H5105325			Right Ground Plate		1 →1		Move to other section	141	1-5
H5105326			Left Ground Plate		1 →1		Move to other section	142	1-5

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Model	CSI/	CRO USA Version (NRG	i 9650/9665)			Date of I	Modification
Modified Articl	le Vario	ous				Execu	tion Date
Reason for Modification		Parts catalog correction /ender change	☐ To meet stan☐ Part standard		To improve reliability	From the 1st ma	ss production.
Old Part No.	New Part	No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog Index No. Page

Old Part No.	New Part No.	Description	Q'ty Used	Interchange-	Remarks	Parts Cat	lalog
Old Part No.	New Fait No.	Description	$Old \rightarrow New$	ability	nemarks	Index No.	Page
AA143287		Stepped Screw - M3	1 →1		To be used only in CSI	13	1-5
H0812260		Right Ground Plate - Copy Out	1 →1		To be used in both CSI and CRO	106	1-7
H0813409		Standard Pin	1 →1		To be used only in CSI	78	1-11
H5105325		Right Ground Plate	1 →1		Move to other section	141	1-5
H5105326		Left Ground Plate	1 →1		Move to other section	142	1-5
H5104255	H5104231	Quick Dial List - NRG : CRO	1 →1	X/O		2	1-5
H5114255	H5114237	Quick Dial List - NRG : CSI	1 →1	X/O		2	1-5

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Left Ground Plate

Quick Dial List - OMN1 : CRO

Quick Dial List - OMN2 : CSI

H5105326

H5104255

H5114255

H5104275

H5114243

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Model		CSI/CRO USA V	ersion (OMNIFAX L42/L4	<b>l</b> 6)				Date of Mo	odification	
Modified Artic	le	Various						Executi	on Date	
Reason for Modification	1	Parts catalog Vender char		To meet stand Part standard		To improve reliabili	- ,	n the 1st mass	production.	
Old Part No.	Nov	w Part No.	Description		Q'ty Used	Interchange-	Remark	ko	Parts Cata	alog
Old Part No.	ive	w Fait No.	Description		$OId \to New$	ability	neiliair	KS	Index No.	Page
AA143287		Ste	pped Screw - M3		$1 \rightarrow 1$		To be used on	nly in CSI	13	1-5
H0812260		Rig	ht Ground Plate - Copy Ou	t	1 →1		To be used in bo CRO		106	1-7
H0813409		Sta	ndard Pin		1 →1		To be used on	nly in CSI	78	1-11
H5105325		Rig	ht Ground Plate		1 →1		Move to other	r section	141	1-5

 $1 \rightarrow 1$ 

 $1 \rightarrow 1$ 

 $1 \rightarrow 1$ 

X/O

X/O

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Move to other section

142

2

1-5

1-5

1-5

ISSUED ON August 27th, 1993

Model	CSI/CRO USA Version (SAVINFAX 3630	CSI/CRO USA Version (SAVINFAX 3630/3670)							
<b>Modified Article</b>	Various			Execu	tion Date				
Reason for Modification	Parts catalog correction  Vender change  To meet standards ( )  Part standardization  To improve reliability  Other				ss production.				
Old Part No. Ne	ew Part No. Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Cat				
AA143287	Stepped Screw - M3	1 →1	uy	To be used only in CSI	13	<b>Page</b> 1-5			
H0812260	Right Ground Plate - Copy O			To be used in both CSI and CRO	106	1-7			
H0813409	Standard Pin	1 →1		To be used only in CSI	78	1-11			
H5105325	Right Ground Plate	1 →1		Move to other section	141	1-5			
H5105326	Left Ground Plate	1 →1		Move to other section	142	1-5			
H5104255	H5104237 Quick Dial List - SAVIN : CSI	1 →1	X/O		2	1-5			
H5114255	H5114249 Quick Dial List - SAVIN : CRO	0 1 →1	X/O		2	1-5			

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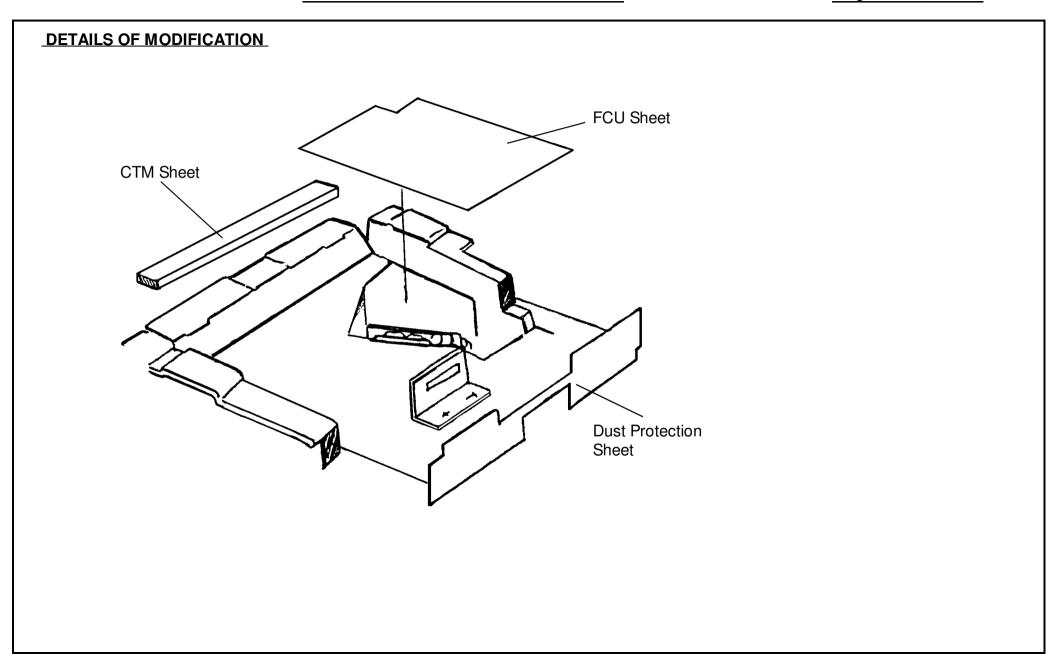
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Model		CSI/CRO U	ISA Version (FAX2500L/3500L,NRG9650/966	65.OMNIFAX L42/L	.46,SAVINFAX3630/	3670)	Date of M	odification	
<b>Modified Artic</b>	le	Developme	nt Roller				Executi	on Date	
Reason for Modification		☐ Vende We have o	catalog correction	e part.	☐ To improve reliabil☐ Other	lity	From thes 1st m	ass producti	on.
Old Part No.	New	v Part No.	Description	Q'ty Used Old → New	Interchange- ability	R	emarks	Parts Cata Index No.	alog <b>Page</b>
H0812497			Joint - Development Roller	1 →0				31	1-7
							jima nt General Manager ct. TS Dept.		

# **DETAILS OF MODIFICATION** 28

## ISSUED ON August 27th, 1993

Model	CRO all models			Date of	f Modification	
Modified Article	Sheet			Exec	cution Date	
Reason for Modification	Parts catalog correction Vender change  To protect the mirror from becoming	☐ To meet standards (☐ Part standardizationg	) ☐ To facilitate asse ☐ To improve reliab ☐ Other	mbly From May prod	luctions.	
Old Part No. Nev	w Part No. Descript	tion $egin{array}{c} {\sf Q'ty\ Use} \\ {\sf Old}  ightarrow {\sf N} \end{array}$		Remarks	Parts Cata	alog <b>Page</b>
H	081 1236 CTM Sheet	0 - 1			150	5
H	081 1237 FCU Sheet	0 - 1			151	5
H	081 1238 Dust Protection Sheet	0 - 1			152	5
				H.Motojima Assistant General N FTS Sect. TS Dept.		



# ISSUED ON August, 27nd, 1993

Model		CSI/CRO	All models			Date of M	odification	
Modified Articl	le	PCB - FCL	J	Execut	ion Date			
Reason for Modification		☐ Vende	catalog correction er change ve the reliability of SAF backup may be erased, when the powe	Part standardization circuit.	☐ To facilitate asser ☐ To improve reliab ☐ Other		uctions	
Old Part No.	New	Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Cat	
H0816153	HO	816153A	PCB-FCU - USA: α	1 - 1	X/O		49	5
H0816152	H0	816152A	PCB-FCU - USA: β	1 - 1	X/O		49	5
H0816155	HO	816155A	PCB-FCU - Tel: α	1 - 1	X/O		49	5
H0816154	HO	816154A	PCB-FCU - Tel: β	1 - 1	X/O		49	5
H0816151	HO	816151A	PCB-FCU - EUR	1 - 1	X/O		49	5
H0816156	H0	816156A	PCB-FCU - ASIA	1 - 1	X/O		49	5
	14	010611	Diode - 1S1588	(9 - 10)		(H081 6153/6152/6151/6156)		
	14	010611	Diode - 1S1588	(11 - 12)		(H081 6155/ 6154)		
	14	021197	Diode - MTZ13C	(0 - 1)		(All FCUs)		
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Old Borto No	Now Porto No	Description	Q'ty Used	Interchange-	Domorko	Parts Cat	talog
Old Parts No.	New Parts No.	Description	Q'ty Used Old → New	ability	Remarks	Index No.	
	16114202	Resistor - $2k\Omega \pm 5\% 1/4W$	(1 - 2)		(All FCUs)		
	16331001	Resistor - $1k\Omega \pm 1\% 1/10W$	(5 - 4)		(All FCUs)		
	16332001	Resistor - $2k\Omega \pm 1\% 1/10W$	(1 - 2)		(All FCUs)		
							+
							+

## ISSUED ON September 29th, 1993

Model	CSI/C	CRO All Me	odels			D	ate of Modification	
Modified Artic	cle PCB	in the PSU	J		Execution Date			
Reason for Modification	The F	ender cha CB Ass'y efore, we h	og correction	ation manufacturer.	To improve reliabili Other	ty		
Old Part No.	New Part	No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Ca	
N6017121		PC	CB - PSU : 115V : CSI	1 → 0	X/O		-	-
	→ H511560	01 PS	SU - CSI : USA	1 → 1			72	1-10
N6017122		PC	CB - PSU : 115V : CRO	1 → 0	X/O		-	-
	→ H510560	03 PS	SU - CRO : USA	1 → 1			72	1-10
N6017119		PC	CB - PSU : CRO	$1 \rightarrow 0$	X/O		-	-
	→ H510560	01 PS	SU - CRO : EUROPE	1 → 1			72	1-10
	→ H510560	02 PS	SU - CRO : ASIA	1 → 1			72	1-10
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### ISSUED ON October 14th, 1993

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CS1/CRO	All Models		Date	of Modification		
Heat Sink i		Exe	ecution Date			
☐ Vende The followi	r change	dardization	To facilitate assembly To improve reliability Other			
w Part No.	Description	Q'ty Used	Interchange-	Remarks		
	·		-			Page
	•		0/0		72	1-10
	Heat Sink Ass'y 1 : CS1			,	-	-
	Heat Sink Ass'y 2 : CS1	1 → 0		(HA2)	-	-
	PSU - Ass'y - USA : CRO	1 → 1	0/0		72	1-10
	Heat Sink Ass'y 1 : CRO	1 → 0		(HA1)	-	-
	Heat Sink Ass'y 2 : CS1	1 → 0		(HA2)	-	-
	PSU - Ass'y - Europe	1 → 1	0/0		72	1-10
	Heat Sink Ass'y 1 : CRO	1 → 0		(HA2)	_	-
		1 / 0		(1 17 \Z)		
	Heat Sink Ass'y 2 : CRO	1 → 0		(HA1)		
	Heat Sink Ass'y 2 : CRO		0/0	,	72	1-10
	·	1 → 0	0/0	,	72	1-10
	Parts of Vender	The following parts in the PSU can not be supplied by Therefore, we have cancelled the part numbers from PSU - Ass'y : USA : CS1 Heat Sink Ass'y 1 : CS1 Heat Sink Ass'y 2 : CS1 PSU - Ass'y - USA : CRO Heat Sink Ass'y 1 : CRO Heat Sink Ass'y 2 : CS1	Parts catalog correction $\  \  \  \  \  \  \  \  \  \  \  \  \ $	Parts catalog correction ☐ To meet standards ( ) ☐ To facilitate assembly Vender change ☐ Part standardization ☐ To improve reliability ☐ Other  The following parts in the PSU can not be supplied by the manufacturer. Therefore, we have cancelled the part numbers from the register.  PSU - Ass'y: USA: CS1 ☐ 1→1 ☐ O/O ☐ Heat Sink Ass'y 1: CS1 ☐ 1→0 ☐ PSU - Ass'y - USA: CRO ☐ 1→1 ☐ O/O ☐ Heat Sink Ass'y 1: CRO ☐ 1→0 ☐ Heat Sink Ass'y 2: CS1 ☐ 1→0 ☐ Heat Sink Ass'y 2: CS1 ☐ 1→0 ☐ Heat Sink Ass'y 1: CRO ☐ 1→0 ☐ Heat Sink Ass'y 2: CS1 ☐ 1→0 ☐ Heat Sink Ass'y	Parts catalog correction         ☐ To meet standards ( ) Part standardization         ☐ To facilitate assembly To improve reliability Other           The following parts in the PSU can not be supplied by the manufacturer. Therefore, we have cancelled the part numbers from the register.         Q'ty Used Old → New         Interchange ability         Remarks           PSU - Ass'y : USA : CS1         1 → 1         O / O         (HA1)           Heat Sink Ass'y 1 : CS1         1 → 0         (HA2)           PSU - Ass'y - USA : CRO         1 → 1         O / O           Heat Sink Ass'y 1 : CRO         1 → 0         (HA1)           Heat Sink Ass'y 1 : CRO         1 → 0         (HA1)           Heat Sink Ass'y 2 : CS1         1 → 0         (HA1)           Heat Sink Ass'y 2 : CS1         1 → 0         (HA2)	Parts catalog correction         ☐ To meet standards ( ) ☐ To improve reliability Vender change         ☐ To meet standardization         ☐ To improve reliability To improve reliability Other           The following parts in the PSU can not be supplied by the manufacturer. Therefore, we have cancelled the part numbers from the register.         Interchange-ability         Remarks         Parts Cat Index No.           PSU - Ass'y : USA : CS1         1 → 1         O / O         72           Heat Sink Ass'y 1 : CS1         1 → 0         (HA1)         -           Heat Sink Ass'y 2 : CS1         1 → 0         (HA2)         -           PSU - Ass'y - USA : CRO         1 → 1         O / O         72           Heat Sink Ass'y 1 : CRO         1 → 0         (HA1)         -           Heat Sink Ass'y 1 : CRO         1 → 0         (HA1)         -           Heat Sink Ass'y 2 : CS1         1 → 0         (HA1)         -           Heat Sink Ass'y 2 : CS1         1 → 0         (HA2)         -

ISSUED ON October 15th, 1993

Model	CS1/CRO	USA Version			Date of	of Modification	
Modified Article	e PSU-115V	,			Exe	cution Date	
Reason for Modification	☐ Vend		meet standards ( ) [ t standardization [	☐ To facilitate asser☐ To improve reliabi☐ Other			
Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Cat	
H5115601	H5115601A	PSU - USA : CS1	1 → 1	X/O		72	1-10
N6011304A	N6011359	Heat Sink 2 : CS1/CRO	1 → 1			-	
Ḥ5105603	H5105603A	PSU - USA : CRO	1 → 1	X/O		72	1-10
L <sub>N6011304A</sub>	N6011359	Heat Sink 2 : CS1/CRO	1 → 1			-	
					H.Motojima Assistant General Man FTS Sect. TS Dept.	ager	

# ISSUED ON October 15th, 1993

Model	CS1 All Me	odels	Date of M	Date of Modification			
Modified Article	FCU		Execut	Execution Date			
Reason for Modification	☐ Vende		To meet standards ( ) Part standardization e PWB was changed.	☐ To facilitate assem☐ To improve reliabili☐ Other	bly ity		
Old Part No. Ne	ew Part No.	Description	Q'ty Used	Interchange-	Remarks	Parts Cata	
	E11000ED	•	Old → New	ability		Index No.	
	5116005D 14073290	PCB - FCU : USA : CS1 IC - TC74HC02AF	1 - 1	X/O	(IC43)	49	1-4
	16070536	EMI Core - EXCELDR35C	1 - 1		(FIL9)	_	-
16061397	10070330	Capacitor - 68PF ±5% 50V	1 - 2		(C68,171)	_	_
10001001		Capacitor 0011 ±370 00 V	1 2		(000,171)		
						-	
					H.Motojima Assistant General Manage FTS Sect. TS Dept.	r	

ISSUED ON October 15th, 1993

Model	CS1 All Models	Date of	Date of Modification			
Modified Article	FCU	Exec	Execution Date			
Reason for Modification	Parts catalog correction Vender change  Circuit Diagram P.6/8 has been corrected. Please refer to the attached page.	andards ( ) ardization	To facilitate assen To improve reliabi Other	nbly lity		
Old Part No. Nev	w Part No. Description	$\begin{array}{c} \textbf{Q'ty Used} \\ \textbf{Old} \rightarrow \textbf{New} \end{array}$	Interchange- ability	Remarks	Parts Cat	
H5116005D H5	1 - 1	X/O		49	1-4	
				H.Motojima Assistant General Manag FTS Sect. TS Dept.	jer	

# CIRCUIT DIAGRAM - FCU [ P.6 / 8 ] MA701 - D19 +24VS MTZ13C 1S1588