

MODIFICATION BULLETIN NO. LHO-001ISSUED ON Sep. 14, 1994

Model	LHO (MV715)			Date of Modification	
Modified Article				Execution Date	
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vendor change	<input type="checkbox"/> To meet standards () <input checked="" type="checkbox"/> Part standardization	<input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	After the old part has become out of stock.	

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
AA161014	AA161104	Cushion - Motor	1 → 1	O / O	PFU	2	9
H5203602	A1005811	Modular Cord Bracket	1 → 1	O / O	Main Frame	37	14
H5201614	A1001801	Slide Rail - Front	1 → 1	O / O	Main Frame	3	21
H5201615	A1001802	Slide Rail - Rear	1 → 1	O / O	Main Frame	16	21

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
MODIFICATION BULLETIN NO. LHO-002ISSUED ON Sep. 14, 1994

Model	LHO (MV715)	Date of Modification
Modified Article		Execution Date
Reason for Modification	<input checked="" type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vender change <input type="checkbox"/> To meet standards () <input type="checkbox"/> Part standardization <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	From first production

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5205306	H5205308	Inlet Harness	1 → 1			11	45
H5205307	H5205309	Main Switch - Harness	1 → 1			14	45
H5206015C	H5206015D	PCB-SPU	1 → 1	O / O		24	43
11024471	H5207114	CT Header (H) - 15P	(1 → 1)				
H5203129	AA145207	Development Drive Shaft	1 → 1			4	37
H5205205	AX200089	Development Clutch	1 → 1			3	37
H5206020J	H5206020K	PCB-FCU - USA	1 → 1	O / O		23	43
14020300	14021241	Zener Diode - MTZJ 5.6A	(1 → 1)				
H5206021J	H5206021K	PCB-FCU - EUR	1 → 1	O / O		23	43
14020300	14021241	Zener Diode - MTZJ 5.6A	(1 → 1)				
A3651247	A3951248	Antistatic Brush	1 → 1			13	9

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MODIFICATION BULLETIN NO. LHO-003ISSUED ON Sep. 14, 1994

Model	ALL					Date of Modification	
Modified Article	MBU-F Board					Execution Date	
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input type="checkbox"/> Other </div> <p>To increase the margin for SRAM back up circuit.</p>					From Aug. 1994 ~	
Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
USA (115V)							
H5206022B	H5206022C	MBU-F Board - 115V	1 → 1	X / O		22	43
Europe / Asia (220V)							
H5206023B	H5206023C	MBU-F Board - 220V	1 → 1	X / O		22	43
The components for H5206022 and H5206023 are changed as follows							
14000479		Transistor - DTA114TK	(1 → 0)		Q1		
		14000595	Transistor - DTB114TK	(0 → 1)			

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MODIFICATION BULLETIN NO. LHO-003

ISSUED ON Sep. 14, 1994

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MODIFICATION BULLETIN NO. LHO-004ISSUED ON Oct. 15, 1994

Model	LHO (All models)	Date of Modification
Modified Article	MBU-S Board	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability <input checked="" type="checkbox"/> Other Countermeasure for the double copy problem. (Refer to RTB No.LHO-004)	July, 1994 ~

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5206029A	H5206029B	MBU-S Board	1 → 1	X / O	Checksum	25	43
H5207209A	H5207209B	PROM - MBU-S	(1 → 1)	X / O	91E3	—	—

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MODIFICATION BULLETIN NO. LHO-005ISSUED ON Oct. 15, 1994

Model	LHO (All models)	Date of Modification
Modified Article	MBU-F Board, MBU-S Board	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>To enable erasing the shadow of the original's trailing edge, the software has been changed. (Refer to RTB No.LHO-004.) Note: Replace the ROMs for the MBU-F Board and MBU-S Board at the same time.</p>	August, 1994 ~

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
<USA>					Checksum		
H5206022C	H5206022D	MBU-F Board : 115V	1 → 1	X / O		22	43
H5207204B	H5207204C	PROM - MBU-F : 1 : 115V	(1 → 1)	X / O	0156	8	43
H5207205B	H5207205C	PROM - MBU-F : 2 : 115V	(1 → 1)	X / O	AD98	7	43
<Europe, Asia>							
H5206023C	H5206023D	MBU-F Board : 220V	1 → 1	X / O		22	43
H5207206B	H5207206C	PROM - MBU-F : 1 : 220V	(1 → 1)	X / O	C31E	8	43
H5207207B	H5207207C	PROM - MBU-F : 2 : 220V	(1 → 1)	X / O	D4D7	7	43
<All models>							
H5206029B	H5206029C	MBU-S Board	1 → 1	X / O		25	43
H5207209B	H5207209C	PROM - MBU-S	(1 → 1)	X / O	93F6	9	43

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MODIFICATION BULLETIN NO. LHO-006ISSUED ON Oct. 15, 1994

Model	LHO (All models)	Date of Modification
Modified Article	MBU-F Board, MBU-S Board	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>To include the double counting function of the total copy counter for A3 / 11"x 17" paper, the software has been changed. Note: Replace the ROMs for the MBU-F Board and MBU-S Board at the same time.</p>	September, 1994 ~

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
<USA>					Checksum		
H5206022D	H5206022E	MBU-F Board : 115V	1 → 1	X / O		22	43
H5207204C	H5207204D	PROM - MBU-F : 1 : 115V	(1 → 1)	X / O	48F7	8	43
H5207205C	H5207205D	PROM - MBU-F : 2 : 115V	(1 → 1)	X / O	2B6B	7	43
<Europe, Asia>							
H5206023D	H5206023E	MBU-F Board : 220V	1 → 1	X / O		22	43
H5207206C	H5207206D	PROM - MBU-F : 1 : 220V	(1 → 1)	X / O	1AB1	8	43
H5207207C	H5207207D	PROM - MBU-F : 2 : 220V	(1 → 1)	X / O	6118	7	43
<All models>							
H5206029C	H5206029D	MBU-S Board	1 → 1	X / O		25	43
H5207209C	H5207209D	PROM - MBU-S	(1 → 1)	X / O	3B6C	9	43

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MODIFICATION BULLETIN NO. LHO-007

ISSUED ON Oct. 15, 1994

Model	LHO (SVN)	Date of Modification
Modified Article	Paper Exit Unit	Execution Date
Reason for Modification	<input checked="" type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vender change <input type="checkbox"/> To meet standards () <input type="checkbox"/> Part standardization <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5204502	A1204400	Paper Exit Unit	1 → 1			26	35

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MODIFICATION BULLETIN NO. LHO-008ISSUED ON Dec. 15, 1994

Model	LHO	Date of Modification
Modified Article	Motors	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>The image is reduced in sub-scan direction with the previous motors. (But the magnification rate is within specification.) To increase the margin for magnification in the sub-scan direction, the motors have been modified. <Note> The following parts should be replaced at the same time.</p>	A120-27: U8040900029 ~ A120-17: Oct. ~

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
AX060105	H5205027	DC Motor - Main	1 → 1	□ X / O		1	37
A1001162	H5205025	Master Unit Motor - DC3.4W	1 → 1			7	37

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MODIFICATION BULLETIN NO. LHO-009

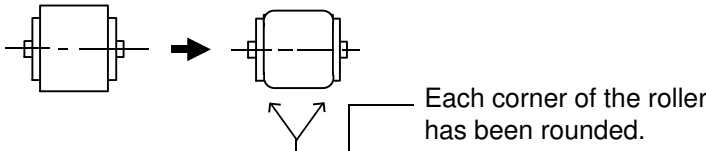
ISSUED ON Dec. 15, 1994

Model	Duplex Unit	Date of Modification
Modified Article	Photo interrupter	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input checked="" type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	August ~

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MODIFICATION BULLETIN NO. LHO-010ISSUED ON Dec. 28, 1994

Model	LHO (All models)	Date of Modification
Modified Article	Duplex Unit	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>To prevent the printed paper from being dog eared, the turn driven roller has been changed as follows.</p> <div>  </div>	June, 1994 ~

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
AF022032	AF022083	Turn Driven Roller	3 → 3	X / O		22	7

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MODIFICATION BULLETIN NO. LHO-011ISSUED ON Dec. 28, 1994

Model	LHO (All models)	Date of Modification
Modified Article	ADF	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>To improve the strength of the belt, the material of the belt has been changed.</p>	W1140800276 ~

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
A3651207	A3651208	Exit Roller Drive Belt	1 → 1	X / O			

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MODIFICATION BULLETIN NO. LHO-012

ISSUED ON Dec. 28, 1994

Model	LHO (A120-15 only)	Date of Modification
Modified Article	Cover-Key Counter, CAP-ADF	Execution Date
Reason for Modification	<input checked="" type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vender change <input type="checkbox"/> To meet standards () <input type="checkbox"/> Part standardization <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5204630	H5204632	Cover-Key Counter	1 → 1			1	27
A1001291	A1201291	Cap-ADF	1 → 1			2	3

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MODIFICATION BULLETIN NO. LHO-013

ISSUED ON Dec. 28, 1994

Model	LHO (All models)	Date of Modification
Modified Article	Rear Fence	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>To prevent the rear fence seal from peeling off from the rear fence, the seal has been changed.</p>	After the old parts have become out of stock.

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
A1002660	A1002669	Rear Fence	1 → 1	O / O		4	11

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MODIFICATION BULLETIN NO. LHO-014ISSUED ON Jan. 15, 1995

Model	LHO (All models)	Date of Modification
Modified Article	MBU-S Board	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>To avoid the malfunction which was caused by the following modifications, the ROM on the SPU Board has been modified.</p> <p style="text-align: center;">H5206029C → D → E (H5207209C → D → E)</p> <p>H5207209 D and E have not been used for mass production.</p>	Oct. 1994 ~

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5206029D	H5206029F	MBU-S Board	1 → 1	X / O		25	43
H5207209D	H5207209F	IC-PROM : MBU-S	1 → 1	X / O		9	43

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MODIFICATION BULLETIN NO. LHO-015ISSUED ON Jan. 15, 1995

Model	LHO (All models)	Date of Modification
Modified Article	SPU Board	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input checked="" type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	After the old parts have become out of stock.

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5206015E	H5206015F	SPU Board	1 → 1	O / O		24	43
H5207400	H5207407	IC-LIF 80	(1 → 1)	O / O	IC 3		

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MODIFICATION BULLETIN NO. LHO-016ISSUED ON Jan, 20th, 1995

Model	LHO (MV715)	Date of Modification
Modified Article	FCU	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability <input type="checkbox"/> Other To increase the margin for the memory back-up battery circuit. Note: (*).... The quantity of the resistors on the list was corrected but the actual quantity of the resistors on the FCU was not changed.	From June production in 1994.

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H520 6020J	H052 6020K	PCB - FCU : USA	1 → 1	X / O		23	43
1402 0300	1402 1241	Zener Diode - MTZJ 5.6A	(1 → 1)		ZD 2		
1402 1097	1402 1242	Diode - RB721Q	(1 → 1)		D 15		
	1630 3151	Resistor - 150W, 1/10W, ±5%	(9 → 8)		*		
H520 6021J	H520 6021K	PCB - FCU : EUR	1 → 1	X / O		23	43
1402 0300	1402 1241	Zener Diode - MTZJ 5.6A	(1 → 1)				
1402 1097	1402 1242	Diode - RB721Q	(1 → 1)				
	1630 3151	Resistor - 150W, 1/10W, ±5%	(9 → 8)		*		

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MODIFICATION BULLETIN NO. LHO-017ISSUED ON Mar. 15, 1995

Model	LHO	Date of Modification
Modified Article	Corona Wire Cleaner	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>To minimize the EM calls caused by vertical black lines (zebra stripes), the corona wire cleaner has been added as an accessory. Refer to RTB No.LHO-011 issued on February 15, 1995 for details.</p>	A120-15: S30501XXXX A120-17: M1050100001 A120-19: A19501XXXXX A120-22: 8915010112 A120-27: U8050100001 A120-30: F065010001

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
	H5208560	Cleaner - Corona Wire	0 → 1				

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MODIFICATION BULLETIN NO. LHO-018ISSUED ON Mar. 15, 1995

Model	LHO (All models)	Date of Modification
Modified Article	Ozone Filter	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability <input type="checkbox"/> Other <p>To prevent vertical black lines (zebra stripes), the insulating tape on the ozone filter has been removed. Refer to RTB No.LHO-011 issued on February 15, 1995 for details.</p>	A120-15: S3050200001 A120-17: M1050200001 A120-19: A1950200001 A120-22: 8915020141 A120-27: U8050200001 A120-30: F0650200001

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
A1001107	AA010078	Ozone Filter - Charger	1 → 1	X / O		8	27

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MODIFICATION BULLETIN NO. LHO-019ISSUED ON Mar. 15, 1995

Model	LHO	Date of Modification
Modified Article	LHO Main Frame and ADF	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability <input checked="" type="checkbox"/> Other	A120-22: 8915020141 A120-27: U8050200001 A120-30: F0650200001 A546-30: W1150200001 (ADF) A546-20: W0950200001 (Sorter)
To meet the Radis Interference Regulation (EN55022 Class B) in Europe, the parts in the table below have been modified. Refer to RTB No.LHO-012 issued on March 15, 1995 for the installation procedure. Note: There is no change to A120-15, -17, and -19 models.		

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange-ability	Remarks	Parts Catalog	
						Index No.	Page
H5201115	H5201618	Right Bracket - Operation Panel - 230V	1 → 1	X / O		1	7
H5201114	H5201617	Left Bracket - Operation Panel - 230V	1 → 1			2	7
H5205017	H5205039	Operation Panel Ass'y - 230V	1 → 1	O / O (X / O in Switzerland and Sweden)		3	7
H5201606	H5201625	Scanner Inner Cover - 230V	1 → 1	X / O		2	19
A1001832		Ground Plate - Front	1 → 0			4	19
H5205330	H5205372	Harness - SBU - 230V	1 → 1	O / O (X / O in Switzerland and Sweden)		5	19
H5205304	H5205371	Harness - Optical Unit - 230V	1 → 1			6	19
A1001835		Earth Plate - Frame Rear Left	1 → 0			9	19
A1001834		Earth Plate - Side Rail - Rear Left	1 → 0			10	19

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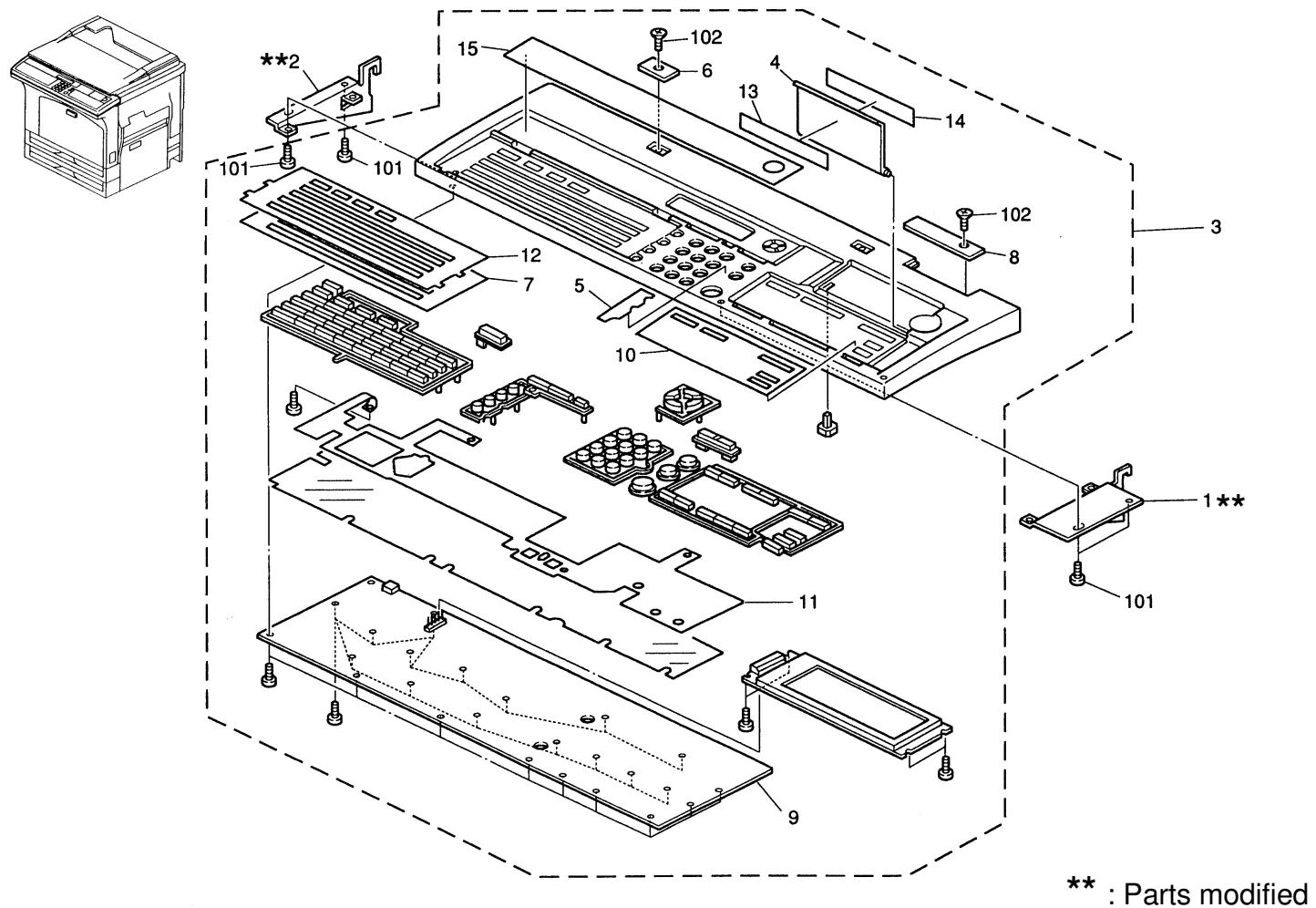
Old Parts No.	New Parts No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
A1001833		Earth Plate - Side Rail - Rear Right	1 → 0			12	19
A1002116		Harness Holder	1 → 0			14	19
	H5201621	Cover - SBU	0 → 1		*: New Index	*17	19
	16070576	Sleeve Core	0 → 1			*18	19
H5201604	H5201627	Slide Rail - Front - 230W	1 → 1			3	21
A1001801	H5201624	Frame Front - 230V	1 → 1	X / O		9	21
H5201605	H5201628	Slide Rail - Rear - 230W	1 → 1			16	21
A1001837	H5201626	Inner Cover - CCD - 230V	1 → 1			20	21
H5205328	H5205370	Xenon Lamp Harness - 230V	1 → 1	O / O (X / O in Switzerland and Sweden)		21	21
H5201613		Bracket - Stabilizer	1 → 0			31	21
H5201612	H5201116	Cover - Stabilizer - 230W	1 → 1	X / O		34	21
H5205361		Grounding Wire - Rear Left	1 → 0			48	21
H5205360		Grounding Wire - Rear Right	1 → 0			49	21
	H5201619	Ground Plate	0 → 1			*50	21
	H5201620	Film - Slide Rail	0 → 2			*51	21
11050214	H5201117	Spacer - 230V	2 → 2	X / O		107	21
	H5152184	Decal - Warning	0 → 1			*28	35
A1005811	H5202637	Modular Cord Bracket - 230V	1 → 1	X / O		14	37
H5203105		Bracket - Left Rear Cover	1 → 0			15	37
H5203132	H5202639	Bracket - FCU - 230V	2 → 2	X / O		15	41
H5203146	H5202635	Cover - PCB Case - 230V	1 → 1			16	41
H5203135	H5202631	Speaker Bracket	1 → 1			15	43
H5203137		Spacer MBU Support Bracket	1 → 0			16	43

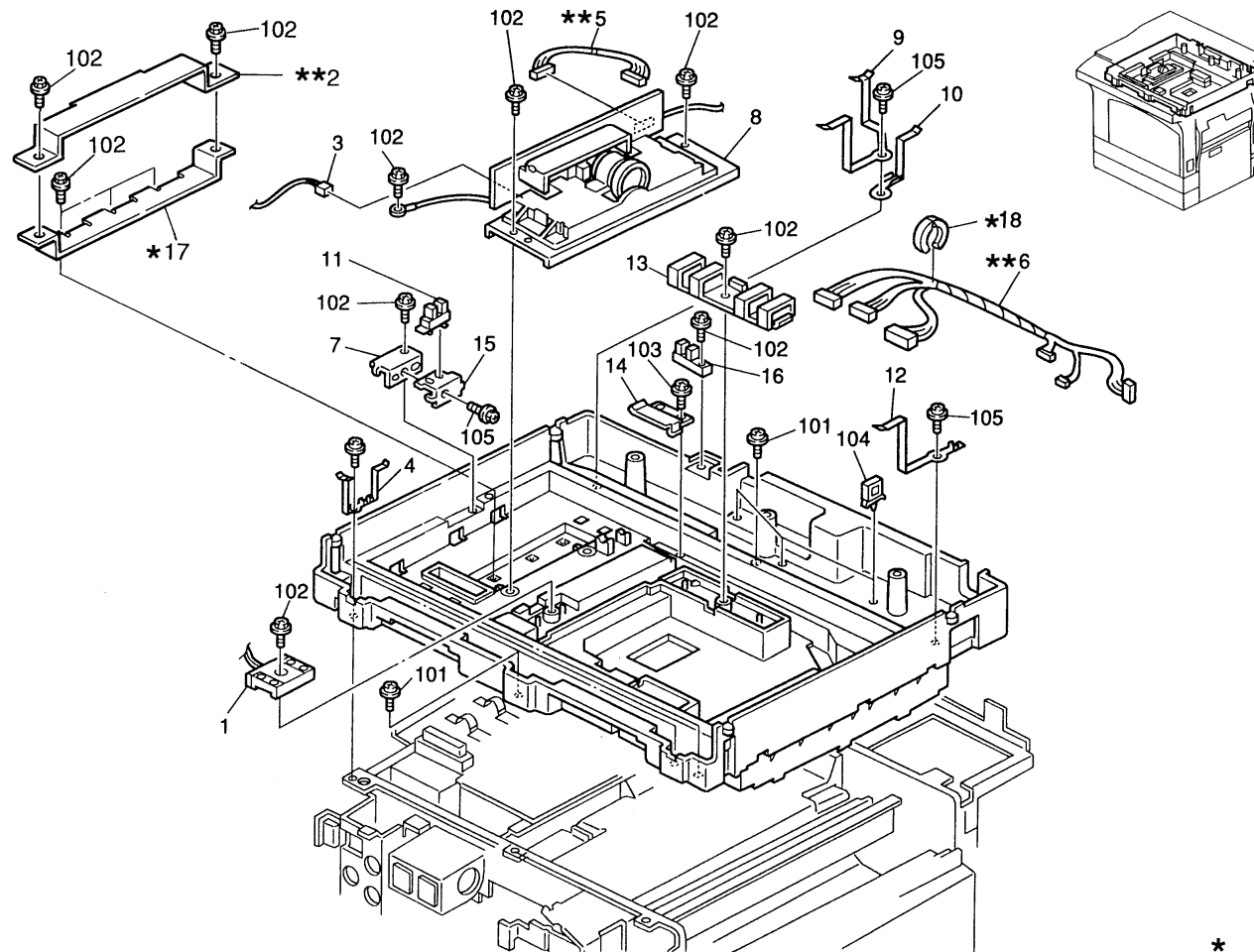
MODIFICATION BULLETIN NO. LHO-019

ISSUED ON Mar. 15, 1995

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3. OPERATION PANEL ASS'Y (A120)



9. SCANNER SECTION 1 (A120)

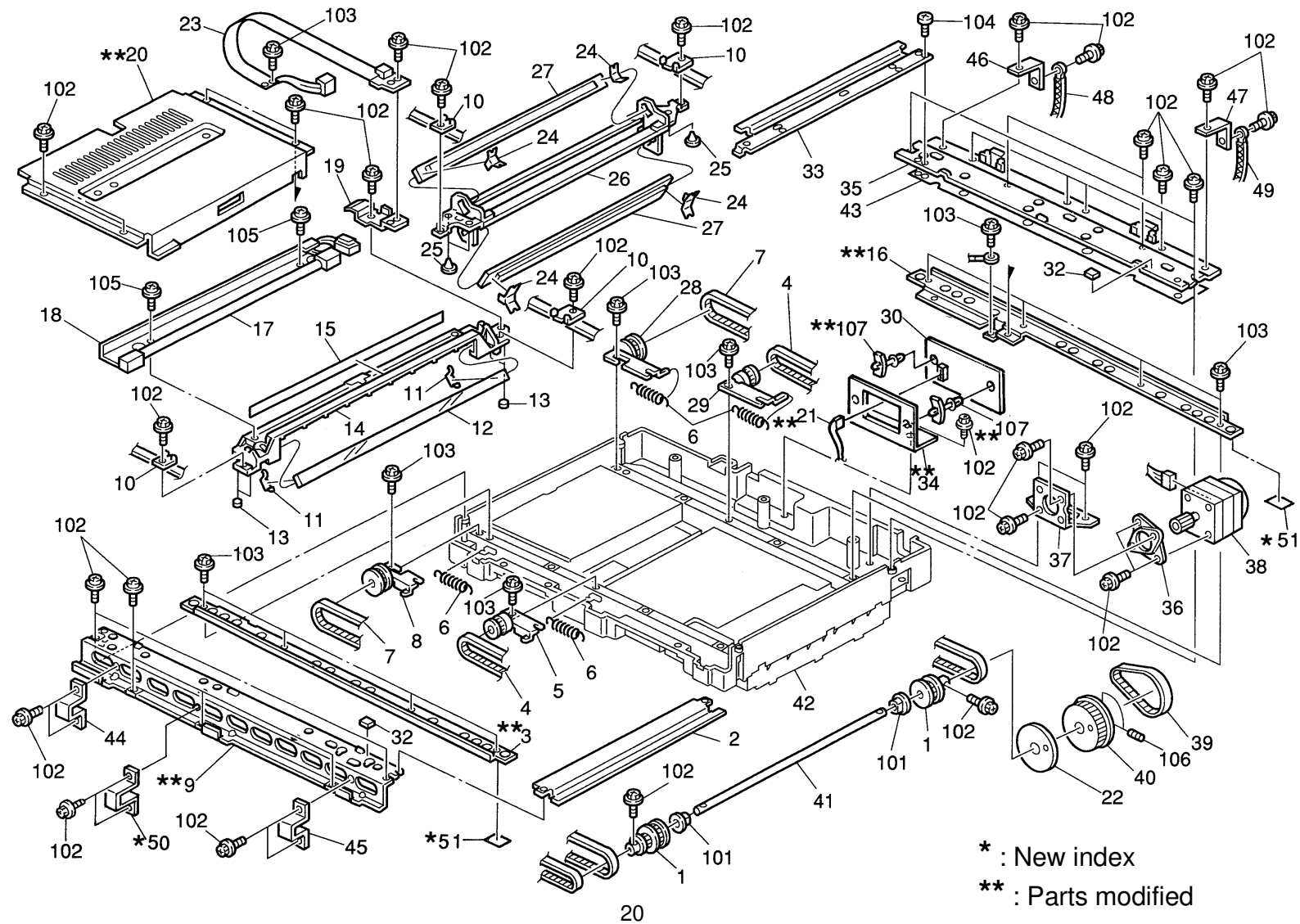
* : New index

** : Parts modified

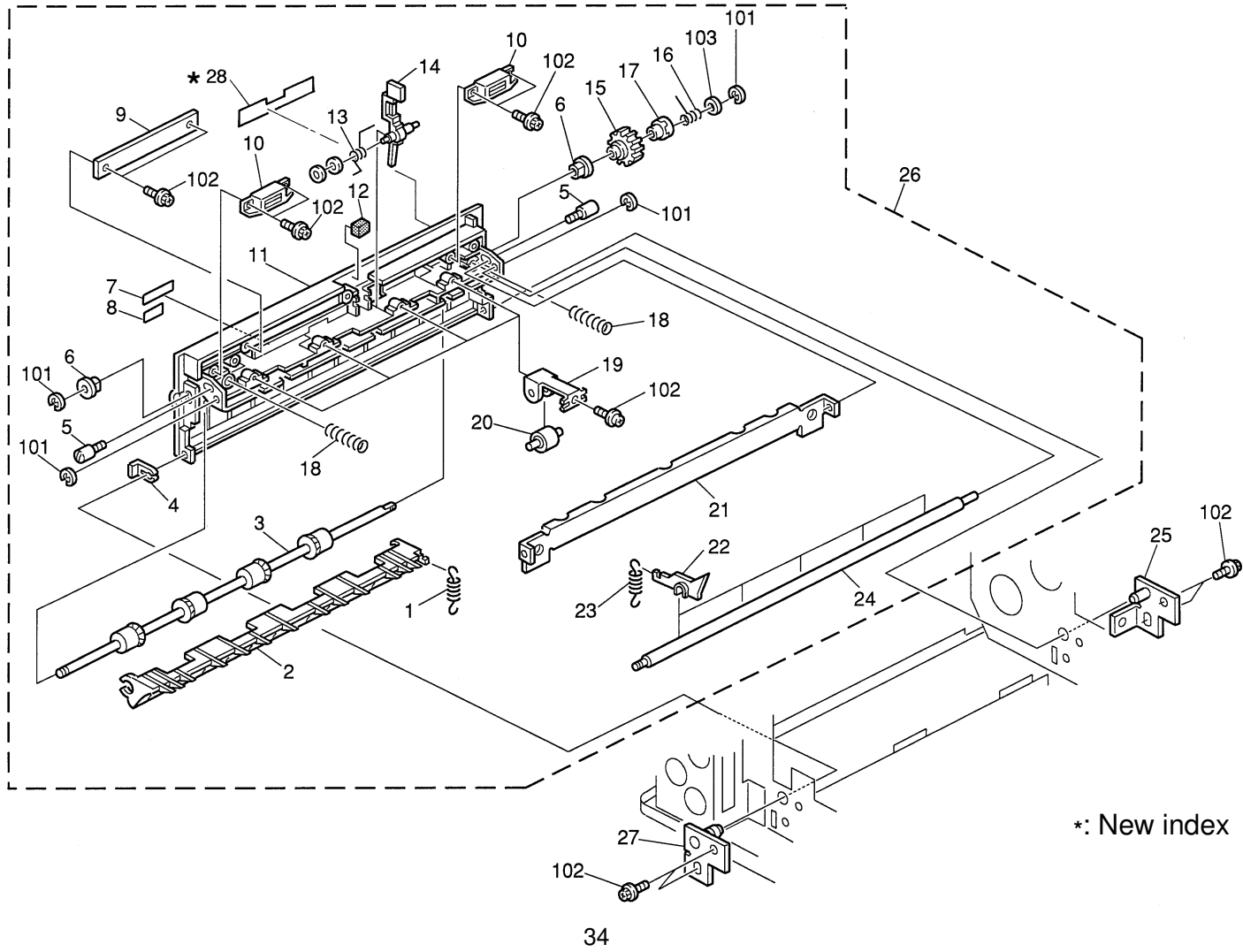
MODIFICATION BULLETIN NO. LHO-019

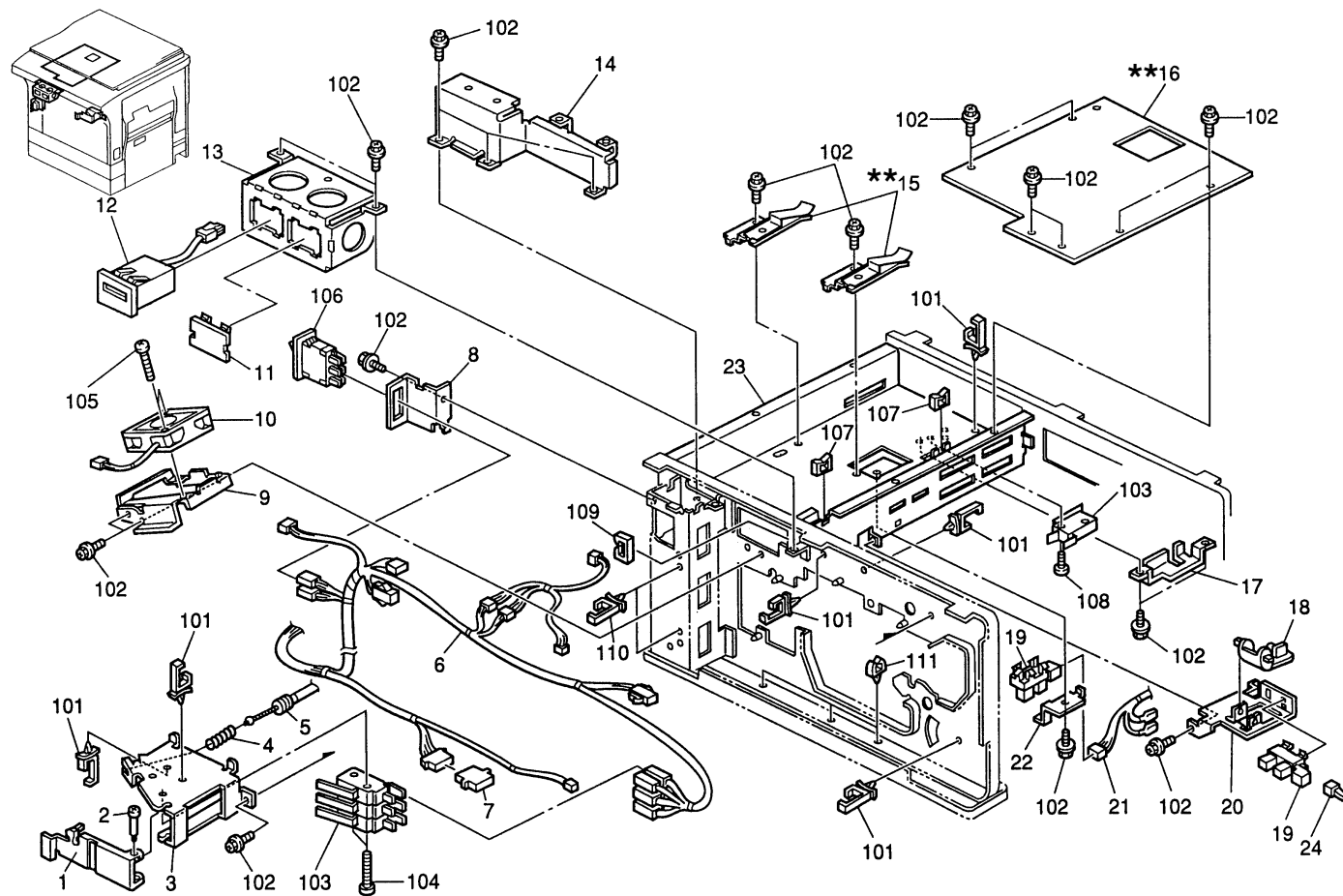
ISSUED ON Mar. 15, 1995

10. SCANNER SECTION.2 (A120)



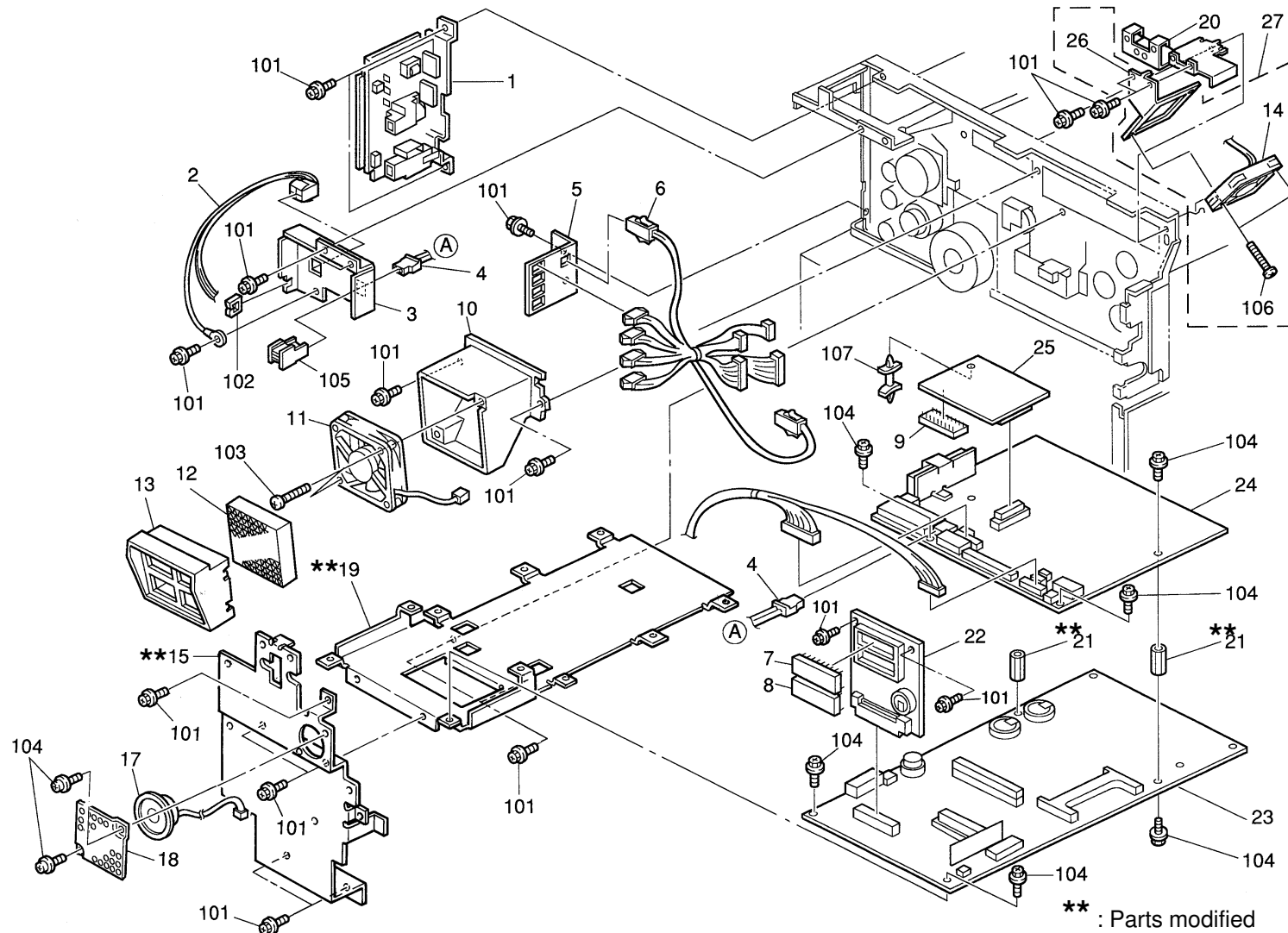
17. PAPER EXIT SECTION (A120)



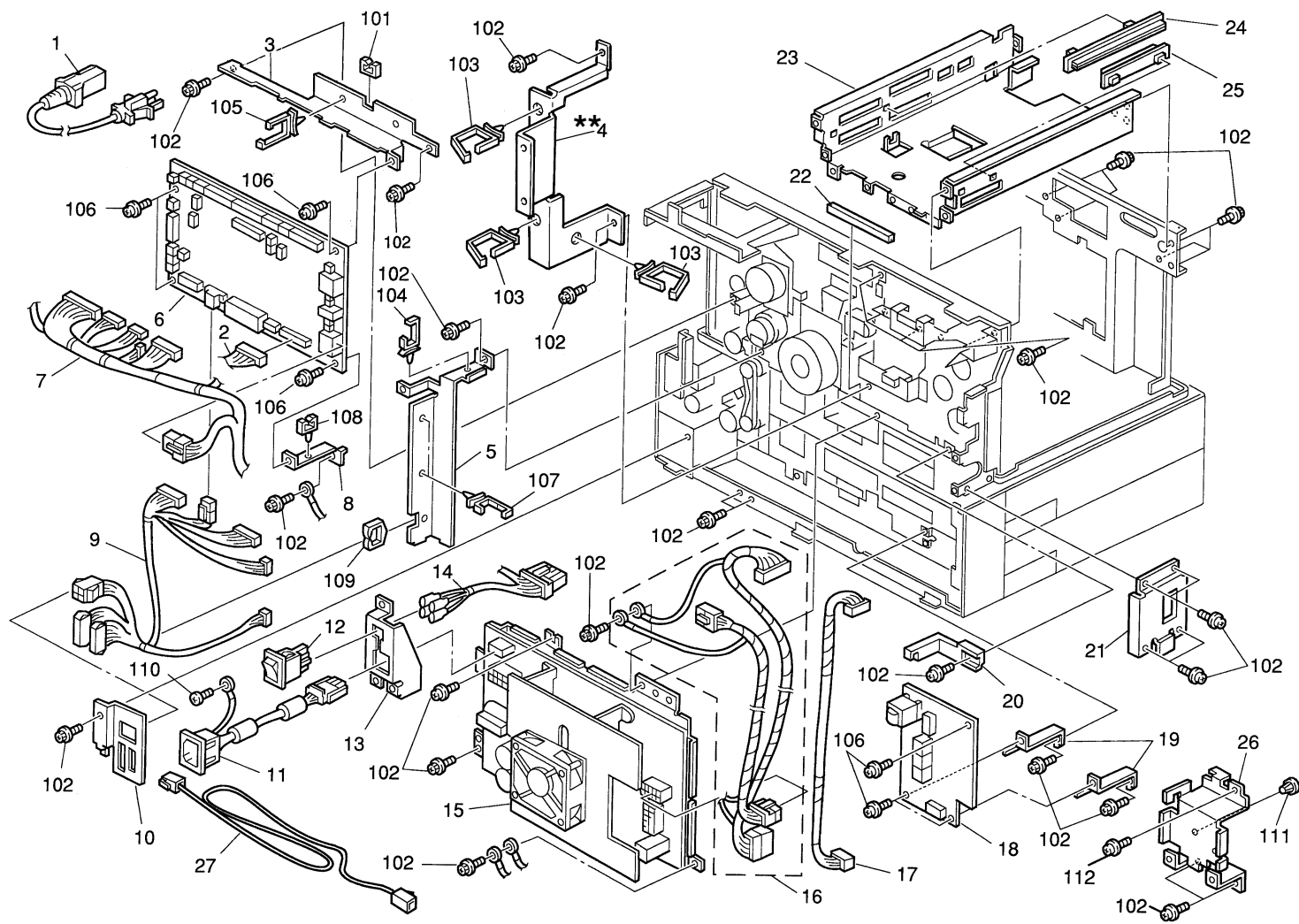
20. ELECTRICAL SECTION 1 (A120)

** : Parts modified

21. ELECTRICAL SECTION.2 (A120)

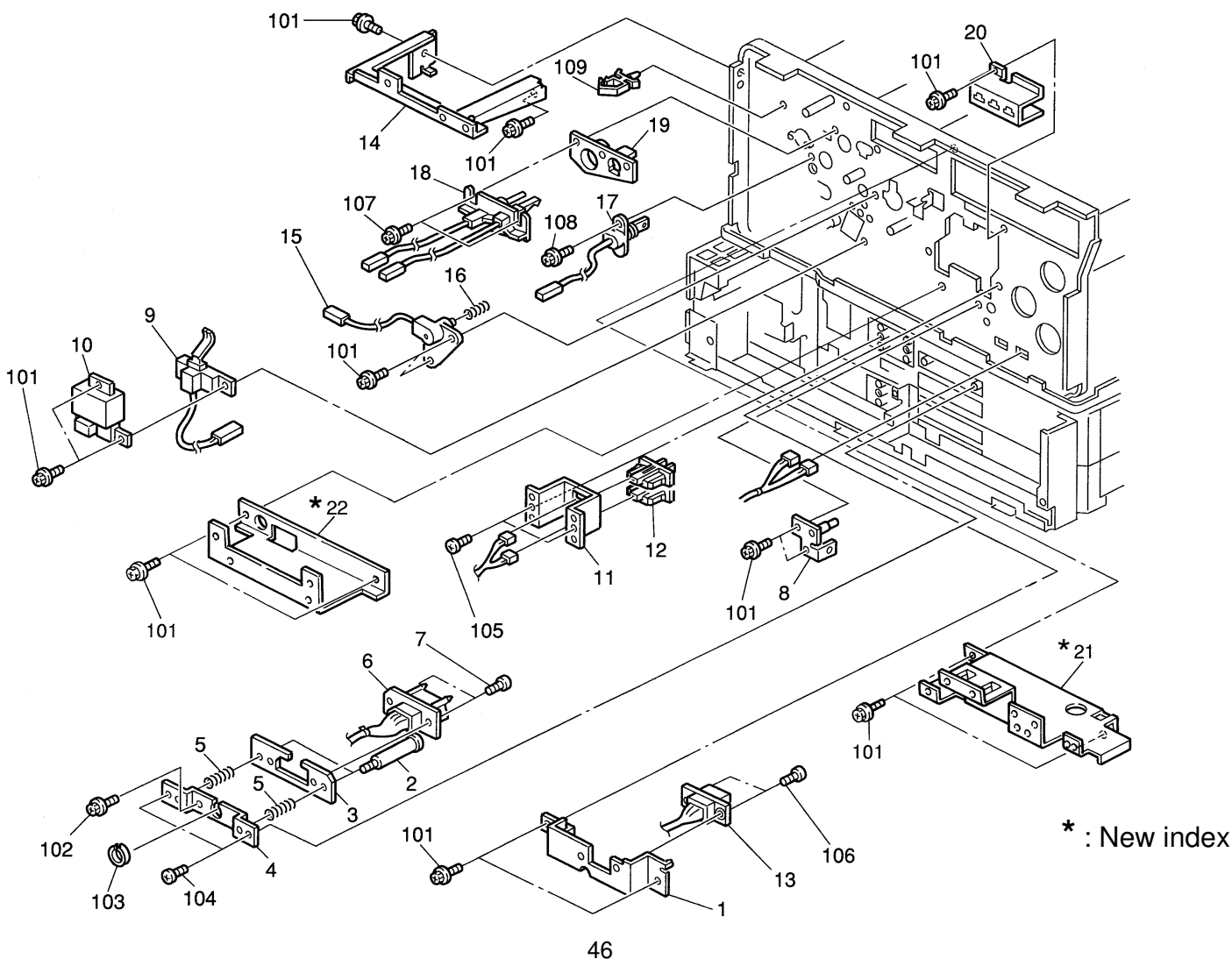


2. ELECTRICAL SECTION.3 (A120)



** : Parts modified

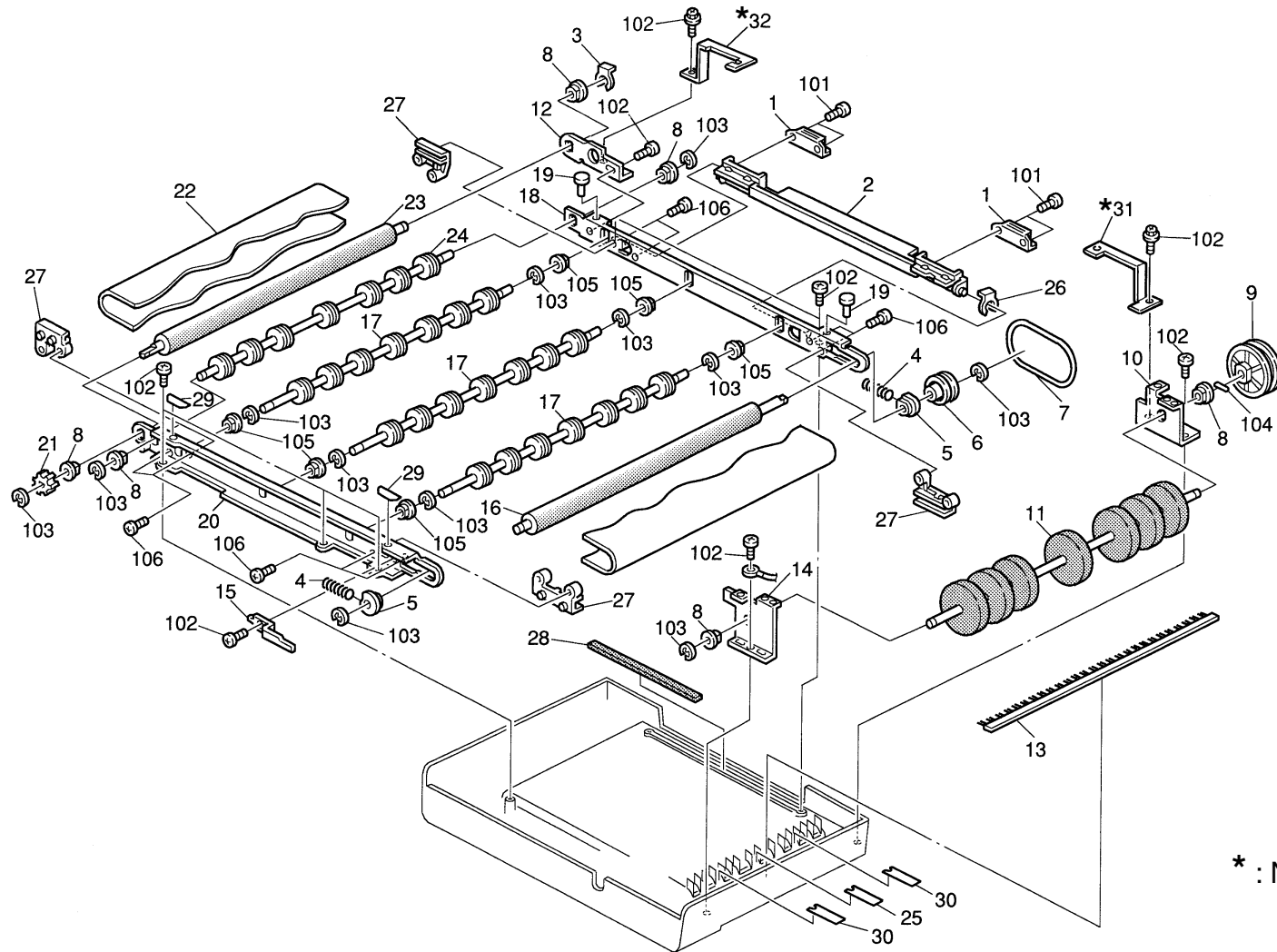
23. ELECTRICAL SECTION.4



MODIFICATION BULLETIN NO. LHO-019

ISSUED ON Mar. 15, 1995

4. ADF 4 (A54630)



* : New index

MODIFICATION BULLETIN NO. LHO-020ISSUED ON Apr.15, 1995

Model	LHO	Date of Modification
Modified Article	Parts Catalog	Execution Date
Reason for Modification	<div> <input checked="" type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability </div> <div> <input type="checkbox"/> Other </div> <p>P/N H5105610 is for the printer controller for the 115 volts machine (USA version). Please correct your parts catalog as follows:</p>	

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H510 5610	H520 6035	PCB-CNT - EUR/TWN	1 → 1			3	51

M. Iwasa
 Manager
 2nd T.S.Sec. Int'l Marketing Group

MODIFICATION BULLETIN NO. LHO-021ISSUED ON Apr. 15, 1995

Model	LHO	Date of Modification
Modified Article	Paper Trays on the main frame and the paper feed unit	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input type="checkbox"/> Other </div> <p>To prevent the side fences on the paper tray being set incorrectly, the seal-corner separator (black mylar) has been newly added. Refer to RTB No.LHO-008 for more detailed information.</p>	Main Frame A120-15: S3050200001 A120-17: M1050200001 A120-19: A1950200001 A120-22: 8915020141 A120-27: U8050200001 A120-30: F0650200001 Paper Feed Unit A545-17: M6150200001 A545-27: U3050200001 A545-57: S3150200001

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
	A1002677	Seal - Corner Separator	0 → 2		Main Frame	*17	11
	A1002677	Seal - Corner Separator	0 → 2		Paper Feed Unit	*17	7
						* New index	

M. Iwasa
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2nd T.S.Sec. Int'l Marketing Group

MODIFICATION BULLETIN NO. LHO-022

ISSUED ON May 15, 1995

Model	LHO	Date of Modification
Modified Article	ADF	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input type="checkbox"/> Other </div> <p>To prevent the lift switch actuator from coming off or being tilted, its material has been changed from plastic to metal.</p>	A546-30: W150300001 A546-70: S3350300001

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
A3651479	A3651480	Lift Sensor Actuator	1 → 1	X / O			

M. Iwasa
Manager
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MODIFICATION BULLETIN NO. LHO-023ISSUED ON May 31, 1995

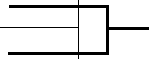
Model	LHO (All models)	Date of Modification
Modified Article	Photointerrupter	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input checked="" type="checkbox"/> Vender change <input type="checkbox"/> To meet standards () <input type="checkbox"/> Part standardization <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	After the old parts have become out of stock.

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
AW020055	AW020086	Photointerrupter	1 → 1	O / O	Main Frame	10	9
						15	13
						24	15
						19	41
AW020055	AW020086	Photointerrupter	2 → 2	O / O	Paper Feed Unit	17	9

M. Iwasa
 Manager
 2nd T.S.Sec. Int'l Marketing Group

MODIFICATION BULLETIN NO. LHO-024ISSUED ON May 31, 1995

Model	LHO	Date of Modification
Modified Article	Paper Feed Unit	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input type="checkbox"/> Other </div> <p>To prevent the paper tray from coming out from the paper feed unit, the Rotary Catch has been changed to the same one which is used on the main frame. Because of this, the Bracket-Rotary Catch has been modified, too. The part number for the bracket has not been changed. There is no record that the old type bracket has been shipped out and the new parts only are in stock.</p>	A545-17: M6150500001 A545-27: U3050500001 A545-57: S3150500001

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
54091238	AG071009	Rotary Catch	2 → 2	X / X	 X / O as a set	23	9
A3942647	—	Bracket - Rotary Catch	2 → 2	X / X		24	9

M. Iwasa
Manager
2nd T.S.Sec. Int'l Marketing Group

MODIFICATION BULLETIN NO. LHO-025ISSUED ON May 31, 1995

Model	LHO	Date of Modification
Modified Article	Paper trays on the main frame and the paper feed unit	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input type="checkbox"/> Other </div> <p>To prevent a stack of papers in the paper tray from being out of position from the rear corner separator when the customer closes the paper tray, spacers have been added as accessories (2 sets for the main frame and 1 set for the paper feed unit) and the instruction " • Reinsert the paper tray gently until it stops." has been added to the paper set decal. In addition to this, paper size decals have been newly added to indicate the proper position for the side fences clearly.</p>	Main Frame A120-15: S3050400001 A120-17: M1050400001 A120-19: A19504XXXXX A120-22: 8915040211 A120-27: U8050400001 A120-30: F0650400001 Paper Feed Unit A545-17: M6150400001 A545-27: U3050400001 A545-57: S3150400001

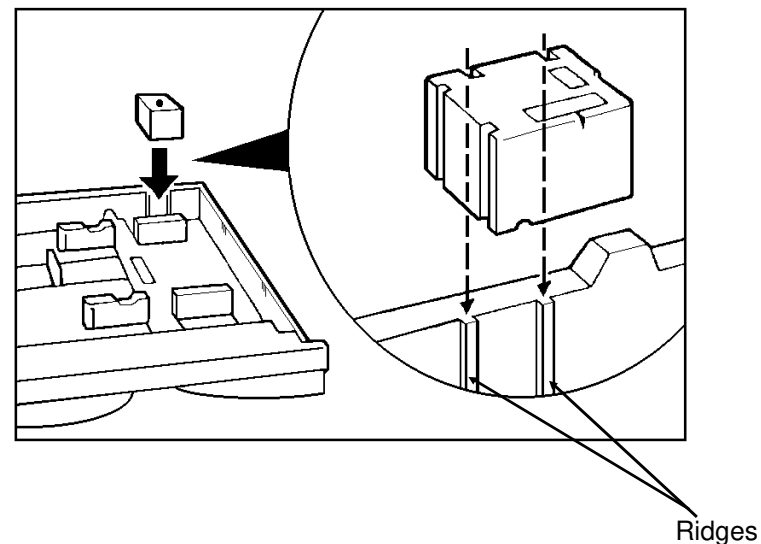
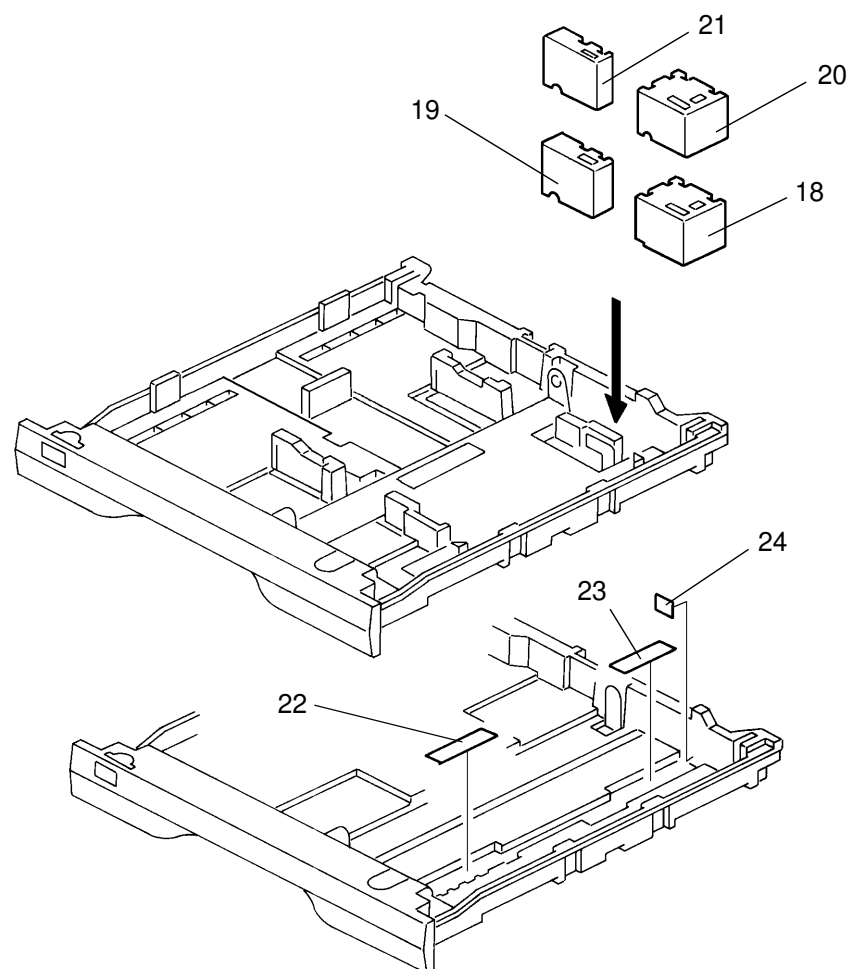
Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
	H5202625	Spacer - 8 ¹ / ₂ " X 11" /F	0 → 1		A120-15,-17,-19, A545-17,-57	*18	11, 7
	H5202626	Spacer - 11" X 17"	0 → 1		A120-15,-17, A545-17,-57	*19	11, 7
	A1002678	Spacer - A4 Lengthwise / B5 Lengthwise	0 → 1		A120-19,-22,-27,-30, A545-27	*20	11, 7
	A1002679	Spacer - B4/B5 Sidewise	0 → 1		A120-19,-22,-27,-30, A545-27	*21	11, 7
H5202608	H5202640	Decal - Paper Set - LT	1 → 1	X / X	A120-15,-17,-19, A545-17,-57	2	11, 7
	H5202641	Decal - Paper Set - A4	1 → 1	X / X	A120-22,-27,-30, A545-27	2	11, 7
AF011102	—	Cassette Body	0 → 1	X / O	See note on page 3.	1	11, 7
	H5202642	Decal - Paper Size - LT-Front	0 → 1		A120-15,-17, A545-17,-57	*22	11, 7
	H5202643	Decal - Paper Size - LT-Rear	0 → 1		A120-15,-17, A545-17,-57	*23	11, 7
	H5202644	Decal - Paper Size - A4-Front	0 → 1		A120-22,-27,-30, A545-27	*22	11, 7

M. Iwasa
Manager
2nd T.S.Sec. Int'l Marketing Group

MODIFICATION BULLETIN NO. LHO-025

ISSUED ON May 31, 1995

[illegible]

MODIFICATION BULLETIN NO. LHO-025ISSUED ON May 31, 1995DETAILS OF MODIFICATION

Note: To prevent the spacer from being out of position, ridges have been added to the rear fence of the cassette body as shown at the same time. However, its part number (P/N AF011102) has not been changed. It is recommended to use two-sided tape to secure the spacer when it is used for the old cassette body.

MODIFICATION BULLETIN NO. LHO-026ISSUED ON June 15, 1995

Model	LHO (All models)	Date of Modification
Modified Article	MBU-S Board	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input type="checkbox"/> To improve reliability </div> <div> <input checked="" type="checkbox"/> Other </div> <p>The software has been modified to prevent a horizontal black band (main scann direction) from being developed in the area just before the leading edge of the first print right after the main motor starts.</p> <p>It has been confirmed that even with the old software the toner yield of 4,000 sheets / cartridge still can be achieved if the average number of prints per job or fax reception in copier, printer and fax modes is more than 3 prints.</p> <p>Note: The toner yield of 4,000 sheets / cartridge is based on continuous copying tests (99 copies per job) with a 6% Ricoh test chart.</p>	A120-15: S3050400001 A120-17: M1050400001 A120-19: A19504XXXXX A120-22: 8915040211 A120-27: U8050400001 A120-30: F0650400001

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5206029F	H5206029G	MBU-S Board	1 → 1	X / O		25	43
H5207209F	H5207209G	PROM - MBU-S	(1 → 1)	X / O	Check Sum: 4E61	9	43

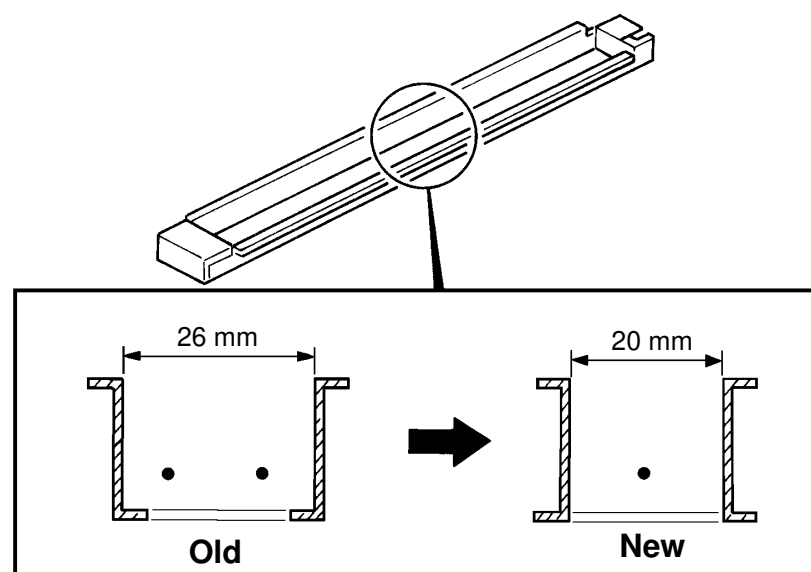
M. Iwasa
Manager
2nd T.S.Sec. Int'l Marketing Group

REVISED ON Aug. 10, 1995**MODIFICATION BULLETIN NO. LHO-027**ISSUED ON Jul. 31, 1995

Model	LHO	Date of Modification
Modified Article	Main Corona Unit	Execution Date
Reason for Modification	<div> <input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly </div> <div> <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability </div> <div> <input type="checkbox"/> Other </div> <p>In order to lessen the occurrence of vertical black lines (zebra stripes) in addition to removing the insulating tape (MB No.LHO-018), the main corona unit has been modified as follows.</p> <ul style="list-style-type: none"> • The number of corona wires has been changed from two to one. • The width between the corona unit casings has been changed from 26 mm to 20 mm. <p>Because of this modification the corona wire cleaner has been modified so that it can be used for both the old and new types of main corona unit.</p>	A120-15: S30506XXXXX A120-17: M1050600001 A120-19: A19506XXXXX A120-22: 8915060328 A120-27: U80506XXXXX A120-30: F0650600001 * In addition to the above, see the attached serial No. List.

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
AD004072	AD004083	Main Corona Unit	1 → 1	X / O		2	29
H5208560	H5208563	Cleaner - Corona Wire	1 → 1	X / O			

M. Iwasa
Manager
2nd T.S.Sec. Int'l Marketing Group

REVISED ON Aug. 10, 1995ISSUED ON Jul. 31, 1995**MODIFICATION BULLETIN NO. LHO-027****DETAILS OF MODIFICATION**

REVISED ON Aug. 10, 1995ISSUED ON Jul. 31, 1995**MODIFICATION BULLETIN NO. LHO-027****Additional Serial No. List**

The following machines have been modified in the factory before shipping from Japan.

A120-19	A1950300001~003, 005, 010~014
A120-27	U8050100004, 006, 007, 009 011, 012, 015, 017, 018 020, 023, 024, 026, 027 030, 032~034, 037, 039 040, 042, 050, 130, 156 U8050400002~008, 010~030 032~126, 128~149 U8050500001~056

MODIFICATION BULLETIN NO. LHO-028ISSUED ON Aug. 10, 1995

Model	LHO	Date of Modification
Modified Article	Ozone Filter Ass'y	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability <input type="checkbox"/> Other To ensure the grounding of the ozone filter a leaf spring has been added to it.	A120-15: S30506XXXXX A120-17: M1050600001 A120-19: A19506XXXXX A120-22: 8915060328 A120-27: U80506XXXXX A120-30: F0650600001 In addition to the above, see the attached serial No. List.

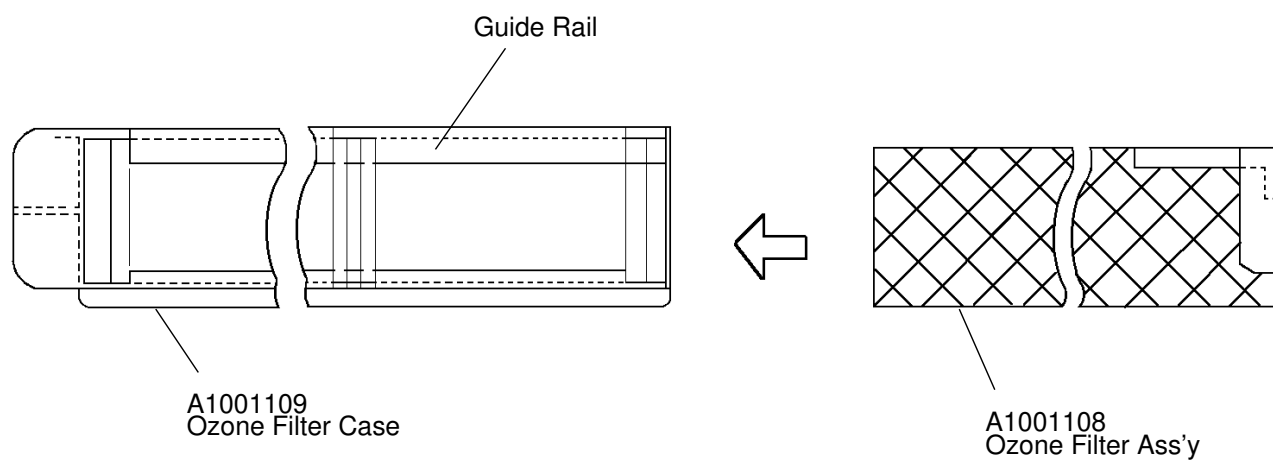
Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
AA010078A	A1001108	Ozone Filter Ass'y	1 → 1	X / O		8	27

M. Iwasa
Manager
2nd T.S.Sec. Int'l Marketing Group

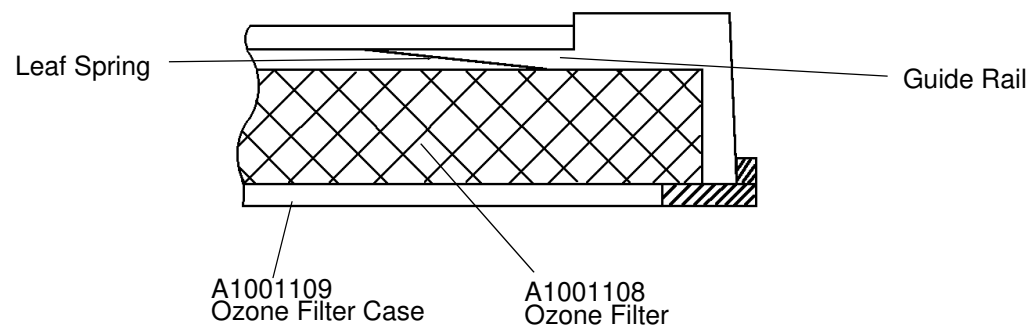
MODIFICATION BULLETIN NO. LHO-028ISSUED ON Aug. 10, 1995DETAILS OF MODIFICATION

Note: When the ozone filter is put in the ozone filter case, the leaf spring should be set under the guide rail and should contact it.

1)



2)



MODIFICATION BULLETIN NO. LHO-028

ISSUED ON Aug. 10, 1995

Additional Serial No. List

The following machines have been modified in the factory before shipping from Japan.

A120-19	A1950300001~003, 005, 010~014
A120-27	U8050100004, 006, 007, 009 011, 012, 015, 017, 018 020, 023, 024, 026, 027 030, 032~034, 037, 039 040, 042, 050, 130, 156 U8050400002~008, 010~030 032~126, 128~149 U8050500001~056

MODIFICATION BULLETIN NO. LHO-029ISSUED ON Aug. 10, 1995

Model	LHO	Date of Modification
Modified Article	Oil Supply Unit (New)	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability <input type="checkbox"/> Other In order to prevent the toner from adhering to the Hot Roller, an Oil Supply Unit has been added to the Fusing Unit. This part is a PM part (PM interval: 60K).	A120-15: S30507XXXXX A120-17: M10507XXXXX A120-19: A19507XXXXX A120-22: 8915070347 A120-27: U80507XXXXX A120-30: F06507XXXXX In addition to the above, see the attached serial No. List.

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
A1004197		Left Stay - Fusing Unit	(1) → (0)			11	33
	H5202502	Oil Supply Unit	(0) → (1)			*33	33
03130050W		Philips Pan Head Screw - M3X5	(15) → (16)			105	33
09603006W		Philips Flange Screw - M3X6	(1) → (2)			*106	33

* : New Index No.

M. Iwasa
Manager
2nd T.S.Sec. Int'l Marketing Group

MODIFICATION BULLETIN NO. LHO-029ISSUED ON Aug. 10, 1995**Additional Serial No. List**

The following machines have been modified in the factory before shipping from Japan.

A120-17	M1050600008, 010, 032, 046
A120-19	A1950300001~003, 005, 010~014
A120-27	U8050100004, 006, 007, 009 011, 012, 015, 017, 018 020, 023, 024, 026, 027 030, 032~034, 037, 039 040, 042, 050, 130, 156 U8050400002~008, 010~030 032~126, 128~149 U8050500001~056

MODIFICATION BULLETIN NO. LHO-030

ISSUED ON Oct. 15, 1995

Model		LHO					Date of Modification	
Modified Article		Exposure Glass					Execution Date	
Reason for Modification		<div><input type="checkbox"/> Parts catalog correction</div> <div><input checked="" type="checkbox"/> Vender change</div> <div><input type="checkbox"/> To meet standards ()</div> <div><input type="checkbox"/> Part standardization</div> <div><input type="checkbox"/> To facilitate assembly</div> <div><input type="checkbox"/> To improve reliability</div> <div><input type="checkbox"/> Other</div>					A120-15: S30510XXXXX A120-17: M10510XXXXX A120-19: A19510XXXXX A120-22: 8915100521 A120-27: U8051000001 A120-30: F0651000001	
Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange-ability	Remarks	Parts Catalog		
						Index No.	Page	
AC011005	AC012063	Exposure Glass	1 → 1	O / O		22	3	
<div>M. Iwasa Manager 2nd T.S.Sec. Int'l Marketing Group</div>								

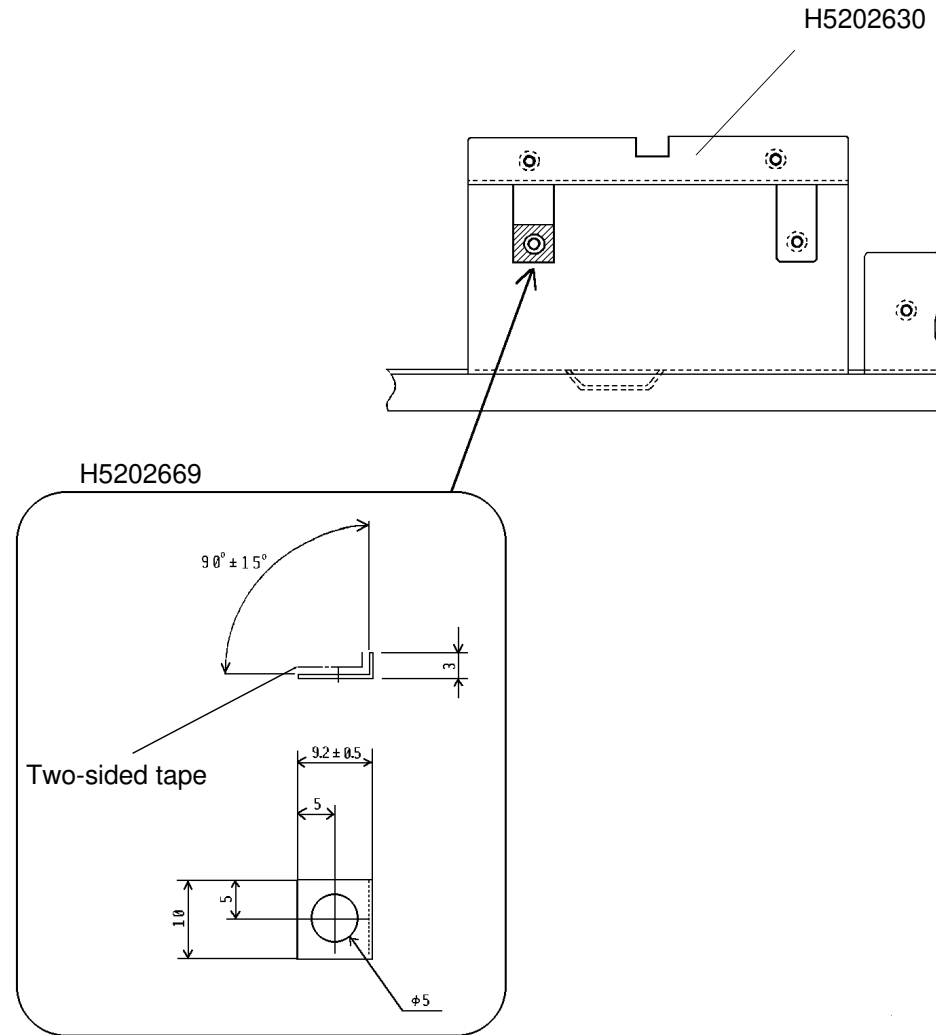
MODIFICATION BULLETIN NO. LHO-031ISSUED ON Oct. 15, 1995

Model	LHO					Date of Modification	
Modified Article	Insulating Sheet-MBU					Execution Date	
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability <input type="checkbox"/> Other					A120-22: 8915060328 A120-27: U8050600001 A120-30: F0650600001	
<p>To prevent the pins of the socket for IC7 (EP-ROM) from being short-circuited, an insulating sheet has been newly added onto the FCU upper shielding plate (P/N H5202630) as shown on the next page.</p>							
Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
	H5202669	Insulating Sheet - MBU	0 → 1			* 22	47
<div style="text-align: right;">* : New Index</div> <div style="text-align: right; margin-top: 20px;"> M. Iwasa Manager 2nd T.S.Sec. Int'l Marketing Group </div>							

MODIFICATION BULLETIN NO. LHO-031

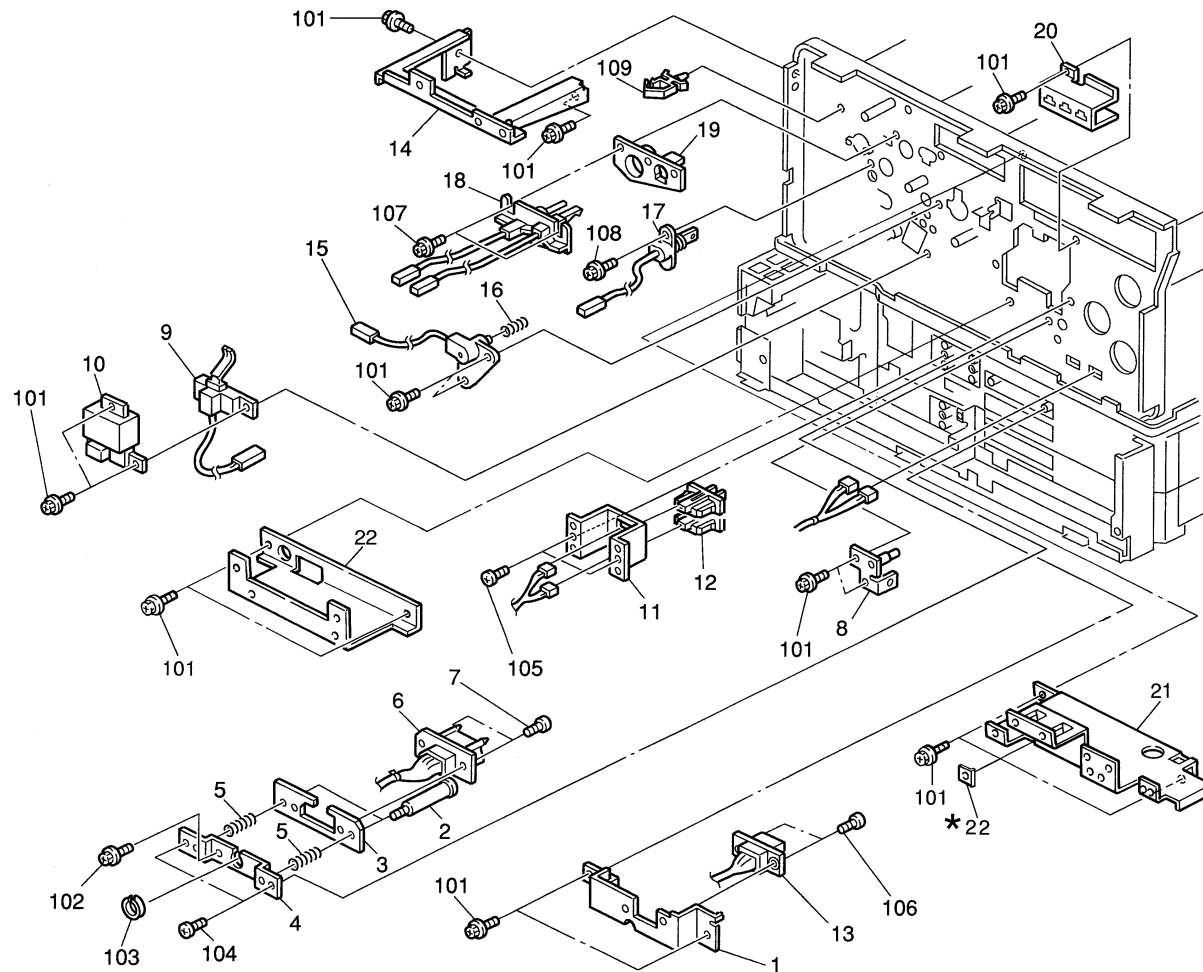
ISSUED ON Oct. 15, 1995

DETAILS OF MODIFICATION



DETAILS OF MODIFICATION

23. ELECTRICAL SECTION.4



* : New Index

MODIFICATION BULLETIN NO. LHO-032ISSUED ON Oct. 31, 1995

Model	LHO	Date of Modification
Modified Article	Left Original Scale	Execution Date
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To meet standards () <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Vender change <input type="checkbox"/> Part standardization <input checked="" type="checkbox"/> To improve reliability <input type="checkbox"/> Other	A120-15: S30510 XXXXX A120-17: M10510 XXXXX A120-19: A19510 XXXXX A120-22: 8915090491 A120-27: U8051000001 A120-30: F0650900001
To prevent the corner of the original from getting under the left original scale when the original is placed onto the exposure glass, the left original scale has been modified and the spacers has been removed.		

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H5201600	H5201635	Left Original Scale - LT	1 → 1	X / O		23	3
A1001770	A1001772	Left Original Scale - A4	1 → 1	X / O		23	3
A1001779		Spacer - Scale	2 → 0			10	3

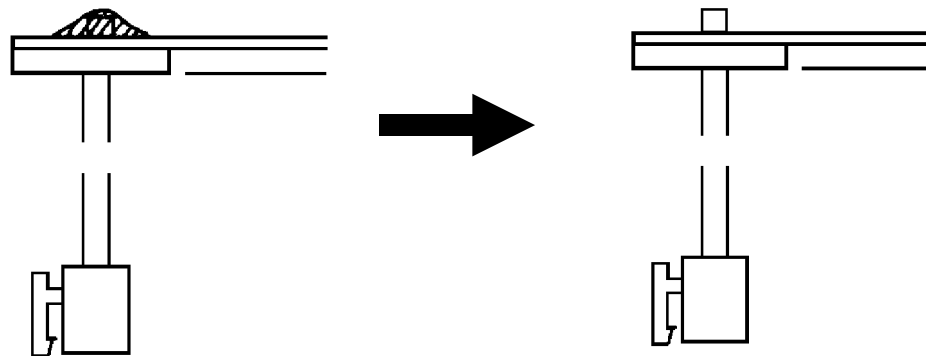
M. Iwasa
 Manager
 2nd T.S.Sec. Int'l Marketing Group

MODIFICATION BULLETIN NO.LHO - 033

ISSUED ON Oct.31, 1996

Model	LHO			Modification Schedule	
Modified Article	Scanner section2			April 1996	
Reason for Modification	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vender change	<input type="checkbox"/> To meet standards () <input checked="" type="checkbox"/> Part standardization	<input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other		

Old Part No.	New Part No.	Description	Q'ty Used Old → New	Interchange- ability	Remarks	Parts Catalog	
						Index No.	Page
H520 5003H	H520 5003J	Exposure Lamp Harness	1 → 1	O / O		23	21



S.Fujii
General Manager
2nd Field Information Department
QA Division

Prepared by Y.Tamaoka

RC	RE	ASIA	
*	*	*	

Model: LHO		Date: 15-Apr-97	No: 034
Modified Article: Bypass Feed		Prepared by: Y.Tamaoka	
From: QAC 2nd Field Information Dept.		Checked by: S. Fujii	
Reason for Modification:	<input checked="" type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vendor change <input type="checkbox"/> To meet standards <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability () <input type="checkbox"/> Part Standardization <input type="checkbox"/> Other		

Old part number	New part number	Description	Qty	Int	Page	Index	Note
	A1202830	Guide - Vertical Transport - TOS	1		9	1	*1

*1: The above part was missing from the P/C for the Savin model.

Model: LHO		Date: 15-Jun-97	No: 035
Modified Article: Speaker Ass'y		Prepared by: Y.Tamaoka	
From: QAC 2nd Field Information Dept.			
Reason for Modification:	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vendor change <input type="checkbox"/> To meet standards <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability () <input type="checkbox"/> Part Standardization <input checked="" type="checkbox"/> Other		
Modification Schedule			

Old part number	New part number	Description	Qty	Int	Page	Index	Note
H5205209	H5209600	Support Bracket Assy	1 - 1	O/O	43	17	*1

Note *

The production of H5205209 (Speaker Ass'y) will be discontinued.

The new one consists of the following 4 parts.

H5209600 — new SPEAKER ASS'Y
 — new MBU SUPPORT BRACKET
 — SPEAKER BRACKET (H5203106)
 — SPACER MBU SUPPORT BRACKET (H5203137)

RC	RE	ASIA	
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Model: LHO		Date: 15-Jul-97	No: 036
Modified Article: Ozone Filter		Prepared by: Y.Tamaoka	
From: QAC 2nd Field Information Dept.			
Reason for Modification:	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vendor change <input type="checkbox"/> To meet standards <input type="checkbox"/> To facilitate assembly <input checked="" type="checkbox"/> To improve reliability () <input type="checkbox"/> Part Standardization <input type="checkbox"/> Other		
Modification Schedule			

Old part number	New part number	Description	Qty	Int	Page	Index	Note
AA010079	A1789001	Ozone Filter	1 - 1	X/O	43	12	1

Note 1

To prevent dust and toner clogging in the filter.

The new part will be available at spare parts centres in July 1997.

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MB Correction

Reissue date: 15-Aug-97

The illustration has changed as shown below.

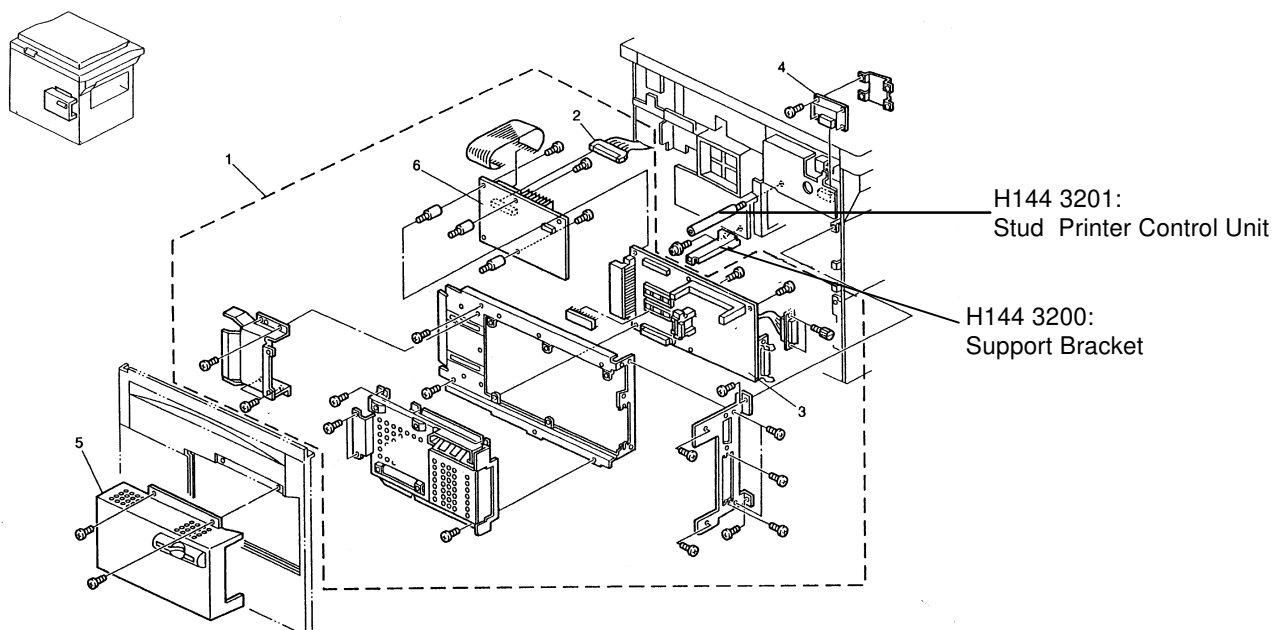
Model: LHO		Date: 31-Jul-97	No: 037
Modified Article: Printer option		Prepared by: K.Moriizumi	
From: QAC 2nd Field Information Dept.			
Reason for Modification:	<input checked="" type="checkbox"/> Parts catalog correction <input type="checkbox"/> Vendor change <input type="checkbox"/> To meet standards <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> To improve reliability () <input type="checkbox"/> Part Standardization <input type="checkbox"/> Other		
Modification Schedule			

Printer Option for the USA

Old part number	New part number	Description	Qty	Int	Page	Index	Note
	H144 3200	Support Bracket	1		48		
	H144 3201	Stud – Printer Control Unit	1		48		

Printer Option for Europe

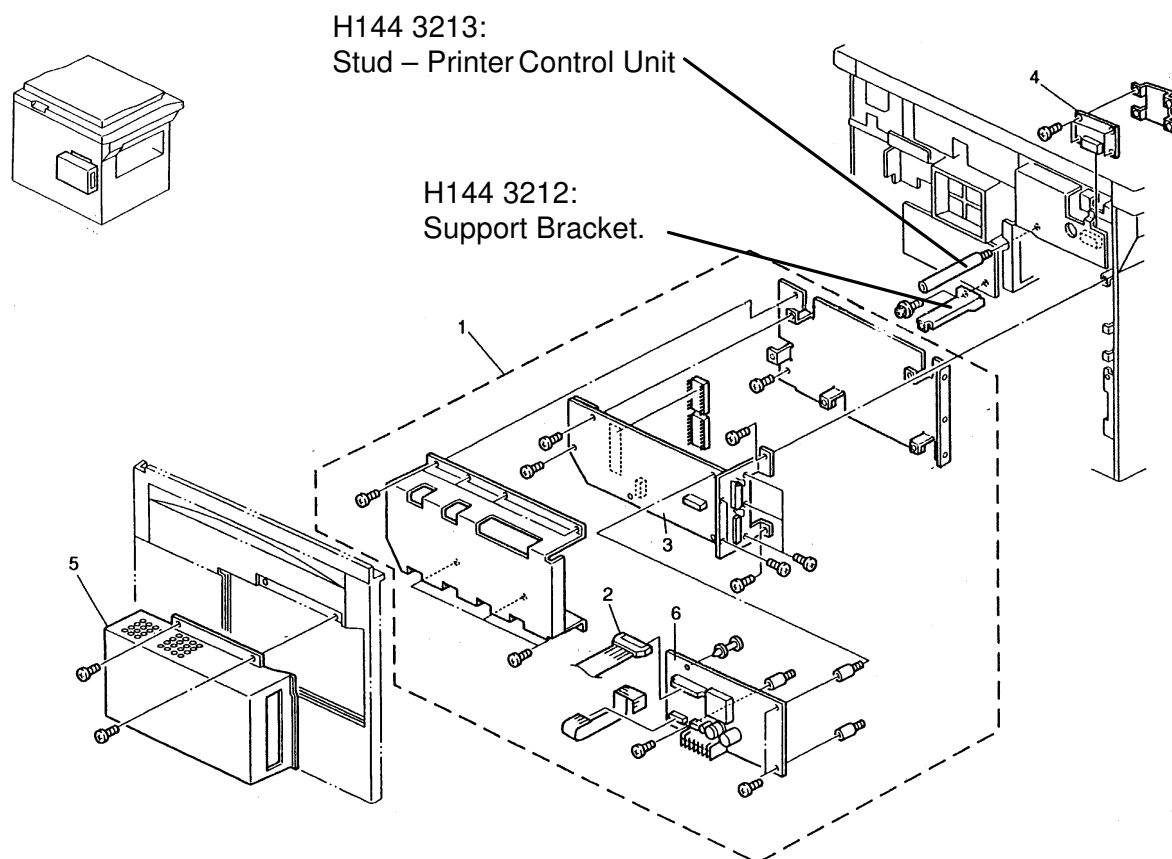
Old part number	New part number	Description	Qty	Int	Page	Index	Note
	H144 3212	Support Bracket	1		50		
	H144 3213	Stud – Printer Control Unit	1		50		

PRINTER OPTION – 115V (H144)

Model: LHO

Date: 31-Jul-97

No: 037

PRINTER OPTION – 230V (H144)

RC	RE	ASIA	
★	★	★	

Model: ISDN Option		Date: 31-Mar-99	No.: Multi-13
Modified Article: PCB – CIG4 (ISDN)		Prepared by: Y.Okunishi	
From: GTSS Field Information Dept.			
Reason for Modification:	<input type="checkbox"/> Parts catalog correction <input type="checkbox"/> To facilitate assembly <input type="checkbox"/> Part standardization	<input checked="" type="checkbox"/> Vendor change <input type="checkbox"/> To improve reliability <input type="checkbox"/> Other	<input type="checkbox"/> To meet standards ()
Modification Schedule	When the current stock of old parts runs out.		

Old part number	New part number	Description	Qty	Int	Page	Index	Note
H0826034F	H0826034G	PCB – CIG4 – SV - US	1 – 1	O/O			*1
H0826035H	H0826035J	PCB – CIG4 – SV - EU	1 – 1	O/O			*2
(H0827162)	(19020047)	IC – SRAM-1M	(2 – 2)	(O/O)			

*1: For FX4 (US) and FR4 (US)

*2: For LHO (EU), FX4 (EU) and FR4 (EU)

RC	REBV	ASIA	
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