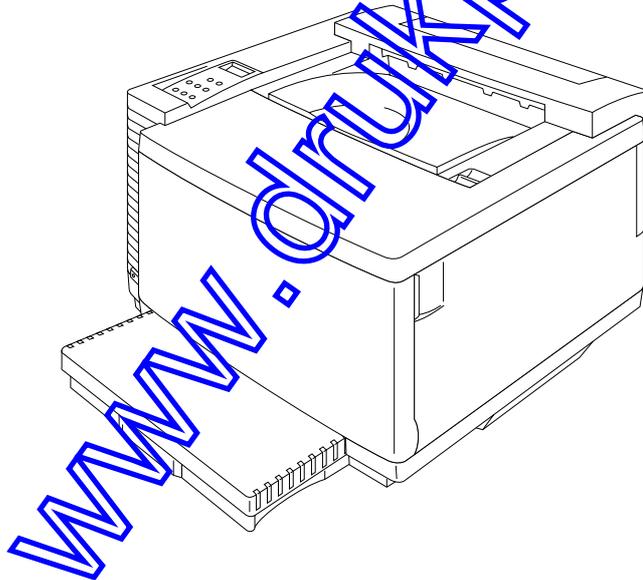




Brother Color Laser Printer **PARTS REFERENCE LIST**

MODEL: HL-3450CN



Read this list thoroughly before maintenance work.
Keep this list in a convenient place for quick and easy reference at all times.

January, 2002
PL-PRN033

NOTE FOR USING THIS PARTS REFERENCE LIST

1. In the case of ordering parts, it needs mentioning the following items:

- (1) Code
- (2) Q'ty
- (3) Description
- (4) Symbol (PCB / PWB No., Revision , and Parts location mounted on the PCB / PWB.)

Note : No orders without Parts Code or Tool No. can be accepted.

< Example >

REF.NO.	(1) CODE	(2) Q'TY	(3) DESCRIPTION	(4) SYMBOL	REMARK

Revision No.: marked on the main printed circuit board.

B48K056 - 201A

- Design change indication
- Specification No .
- Pattern alteration No.
- Circuit board No.

Revision No.: marked on the power supply PCB.

Rev: 0B

Design change indication

2. Design-changed parts :

If the parts are changed, any one of the following symbols is indicated in the REMARKS column.

- #A : compatible between old and new
- #B : replaceable from old to new
- #D : incompatible
- # : newly established

3. The original of this list was made based on the information available in January, 2002.

4. Parts are subject to change in design without prior notice.

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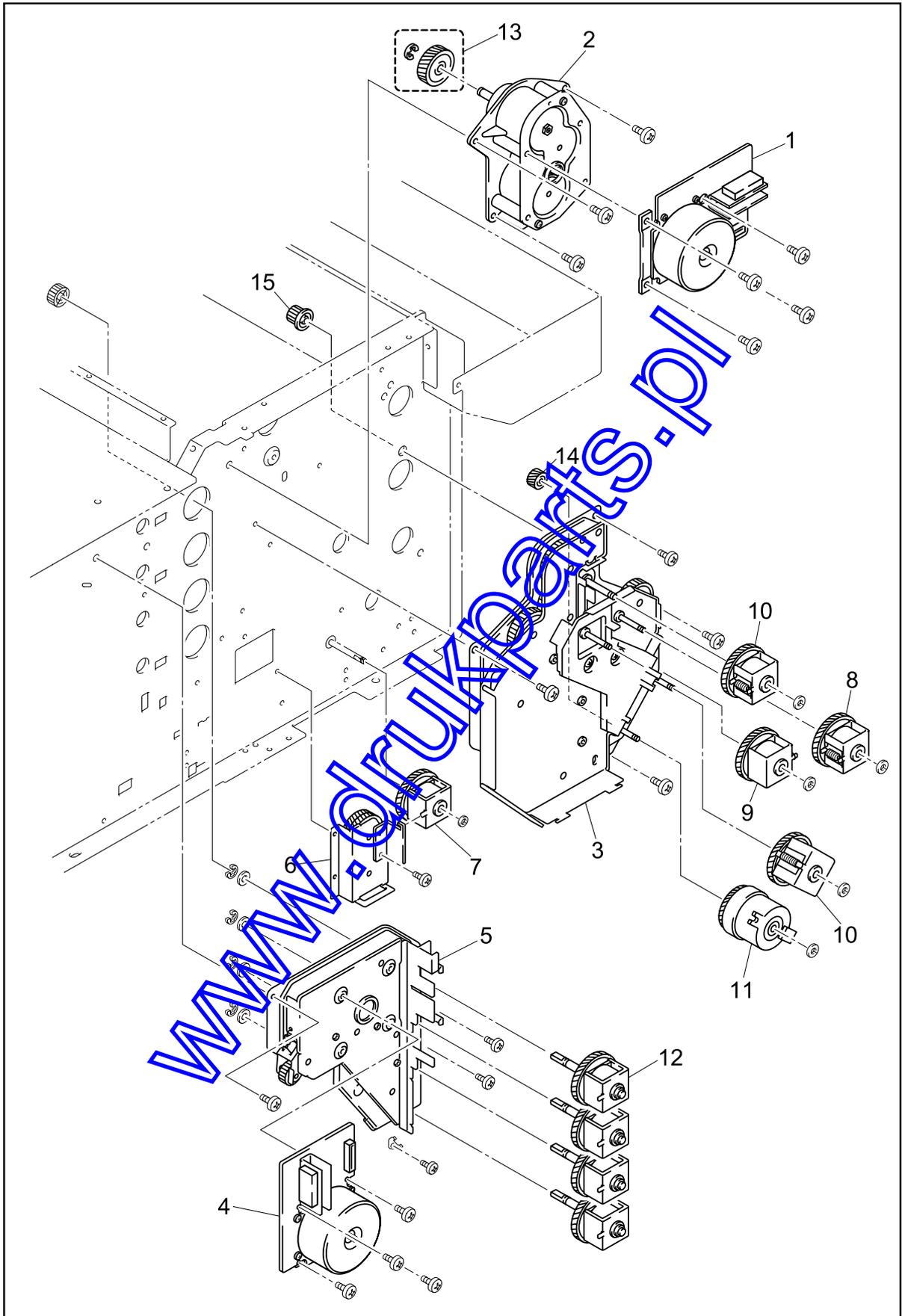
1. DRIVE

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2231001	1	MAIN MOTOR 3	
2	LJ2232001	1	BD3 GEAR ASSY	
3	LJ2233001	1	MAIN GEAR UNIT 3	
4	LJ2234001	1	DEVELOPER DRIVE MOTOR 3	
5	LJ2235001	1	DEVELOPER DRIVE UNIT 3	
6	LJ2275001	1	EP3 GEAR ASSY	
7	UH3494001	1	PAPER PICK-UP CLUTCH	
8	LJ2227001	1	FUSER CLUTCH 3	
9	LJ2229001	1	CLEANER CLUTCH 3	
10	LM0976001	2	TRANSFER ROLLER CLUTCH 2 PU	CHG
11	UH3495001	1	REGIST CLUTCH	
12	LJ2228001	4	DEVELOPER CLUTCH 3	
13	LJ3723001	1	SL3 BD GEAR SET	
14	LJ3729001	1	SL3 DE GEAR L17	
15	LJ3730001	1	SL3 MD GEAR 15 (DC)	

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MODEL HL-3450CN 54S-312

1. DRIVE



MODEL HL-3450CN 54S-312

2. FRAME

PR2002148

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2251001	1	COOLING FAN PS	
2	LJ2236001	1	COOLING FAN OZ	
3	LJ2272001	1	OZONE FILTER PS	
4	UH1946001	3	INTERLOCK SWITCH	
5	LJ2239001	1	PAPER SIZE SENSOR 3	
6	UH1948001	6	PAPER SENSOR	
7	UH1949001	2	BELT SENSOR	
8	LJ2242001	1	TONER SENSOR ASSY 3	A: Toner sensor (TTR) + B: Toner sensor (TPD)
9	LJ2243001	1	OHP SENSOR 3	
10	LJ2204001	1	WASTE TONER FEEDER 3 (U)	
11	LJ2214001	1	DRUM CLEANER 3	
12	LJ2215001	1	TRANSFER DRUM 3	
13	UH3485001	1	PAPER PICK-UP ROLLER	
14	LJ2317001	1	SEPARATOR PAD 2	
15	LJ2218001	1	ERASE LAMP 3	
16	LJ2274001	2	ERASE HOLDER	
17	UH3488001	1	OIL SENSOR	
18	LJ2224001	1	FUSER CONNECTOR 3	
19	LJ2248001	1	WASTE TONER FEEDER 3 (L)	
20	LJ2252001	1	WT HOLDER ASSY	
21	LJ2254001	1	SW BUTTON 3	
22	LJ2271001	1	TONER KEY SENSOR	
23	LJ3722001	1	SL3 BC CHARGER	
24	LJ3727001	1	FP3 CASSETTE GUIDE SET	
25	LM0347001	1	SL3 PAPER GUIDE D (A3) 2P (2 pcs)	CHNG
26	LJ3728001	1	SL3 PAPER GUIDE D (2 pcs)	Against Transfer roller
27	LJ3731001	1	TR TERMINAL BASE 3	jams.(see the service manual for instruction and limitations)

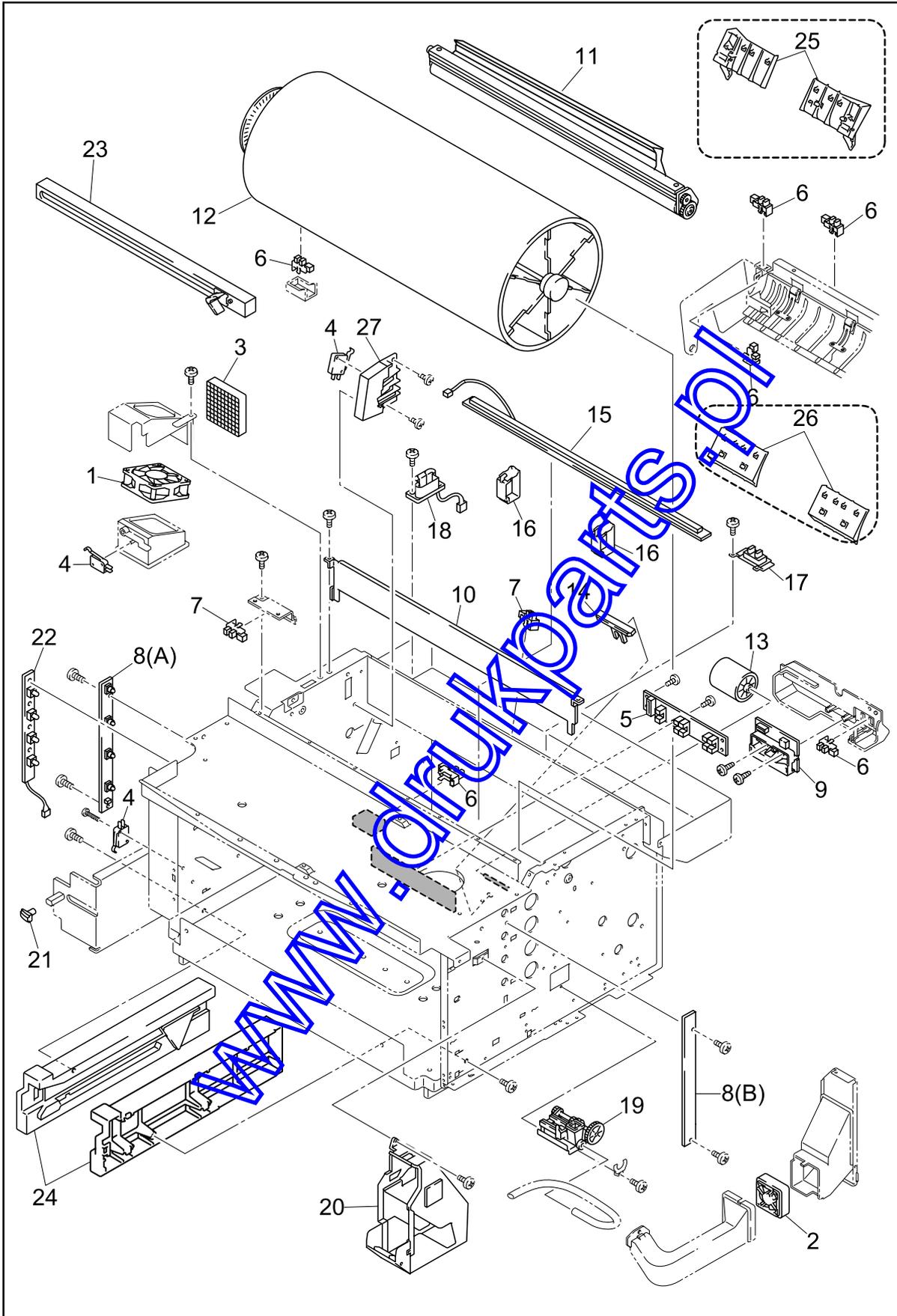
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MODEL HL-3450CN 54S-312

T/I No. PR2002134/PR2002148

2. FRAME

PR2002127



MODEL HL-3450CN 54S-312

T/I NO. PR2002134/PR2002127

3. LASER UNIT

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2213001	1	OPTICAL UNIT 3	

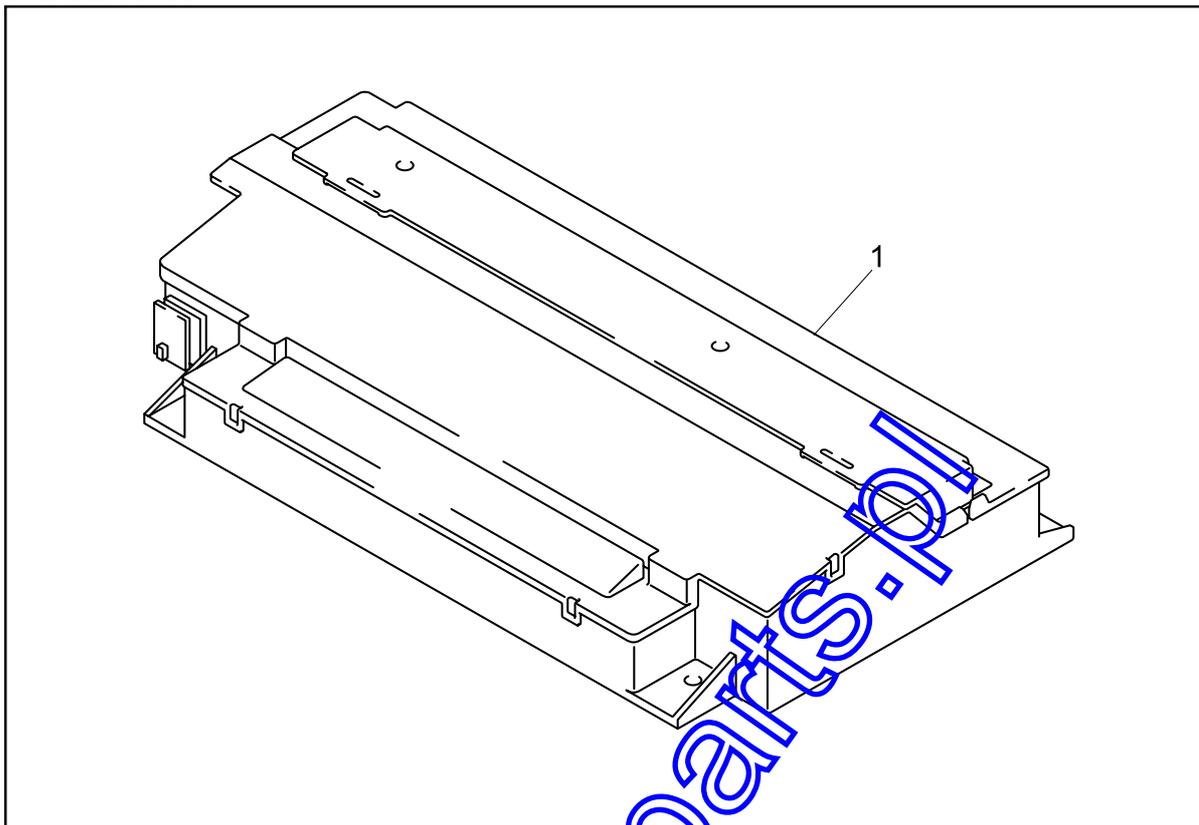
MODEL HL-3450CN 54S-312

4. MEDIA CASSETTE

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2273001	1	PAPER CASSETTE (A3)	
2	LJ2318001	1	ENVELOPE ADAPTOR 3	

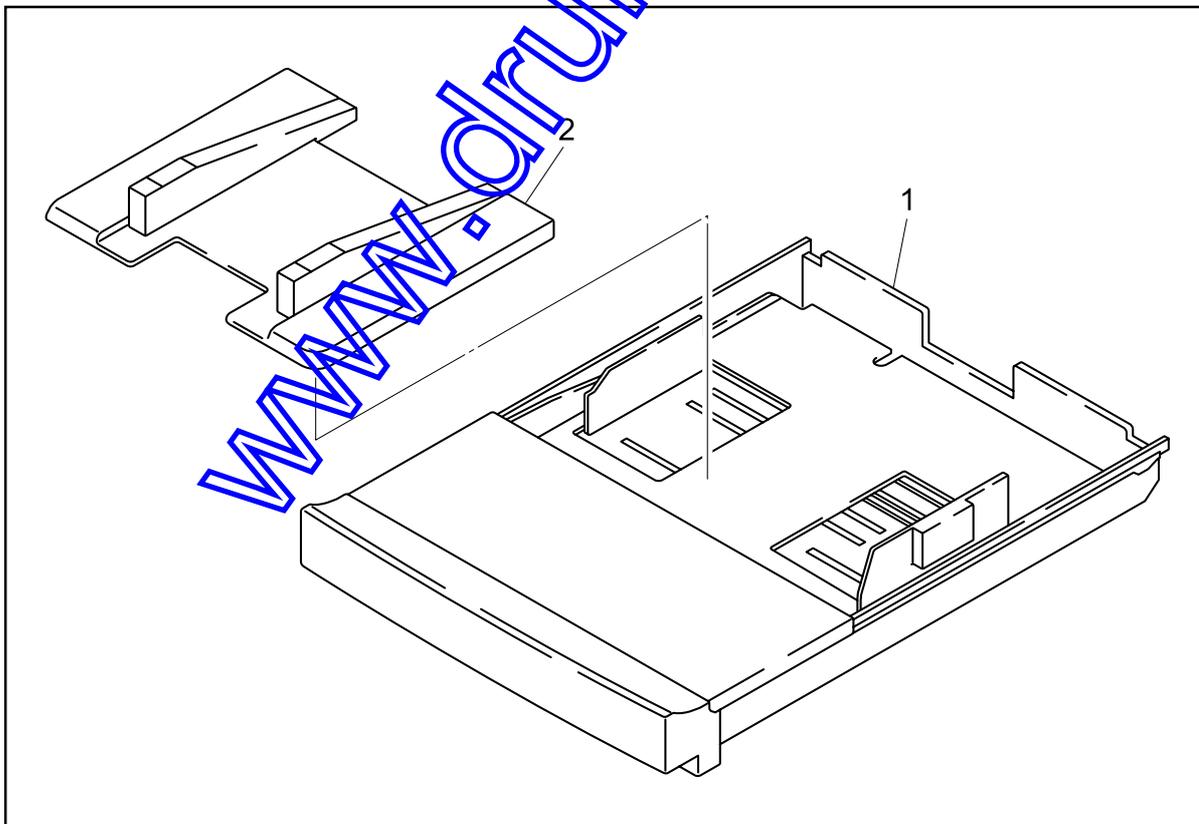
MODEL HL-3450CN 54S-312

3. LASER UNIT



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4. MEDIA CASSETTE



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5. TRANSFER UNIT

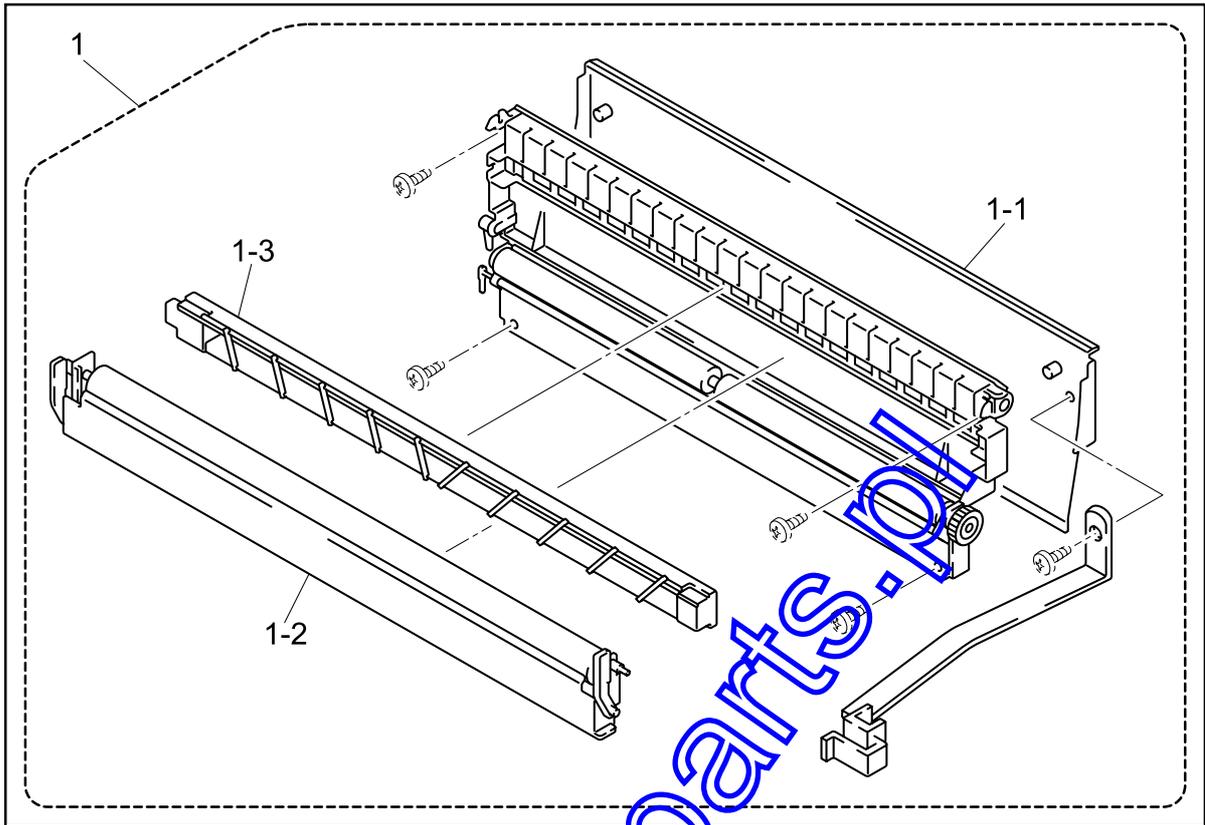
REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2209001	1	TRANSFER UNIT 3	
1-1	LJ2210001	1	TR UNIT COVER 3	
1-2	LJ2211001	1	TRANSFER ROLLER 3	
1-3	LJ2212001	1	PAPER DISCHARGER 3	

6. PAPER EXIT UNIT

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2192001	1	PAPER EXIT UNIT 3	
1-1	LJ2193001	1	PAPER EXIT UNIT COVER 3	
1-2	LJ2194001	1	PAPER EXIT FRONT COVER 3	
1-3	LJ2195001	1	PAPER EXIT UPPER COVER 3	
1-4	LJ2196001	1	PAPER EXIT ROLLER 3	
1-5	LJ2197001	1	DISCHARGING BRUSH 3	
1-6	LJ2198001	1	COOLING FAN EX	
1-7	LJ2199001	1	PAPER EXIT FILTER	

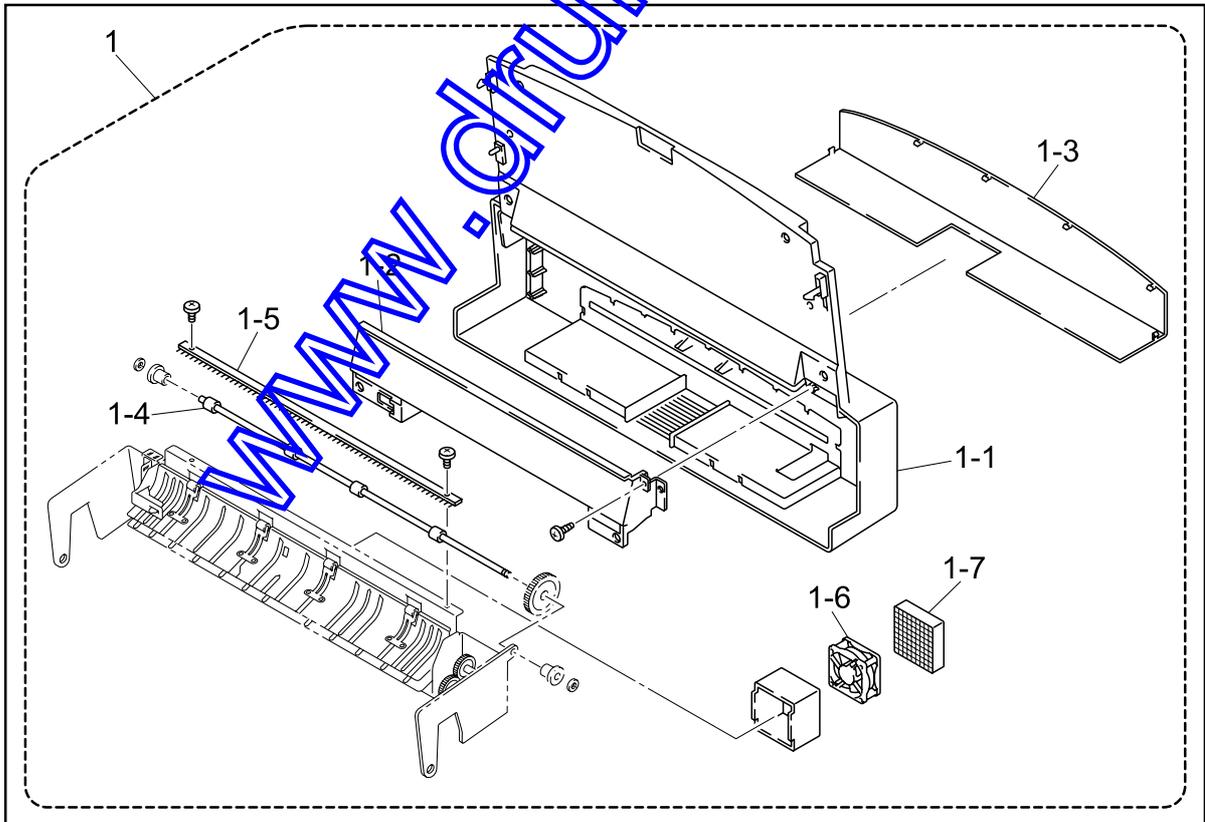
MODEL HL-3450CN 54S-312

5. TRANSFER UNIT



MODEL HL-3450CN 54S-312

6. PAPER EXIT UNIT



MODEL HL-3450CN 54S-312

7. FUSING UNIT

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2205001	1	FUSING UNIT 3 US2	
1	LJ2206001	1	FUSING UNIT 3 EC2	
1-1	LJ2207001	1	FUSING HEATER 3 US	
1-1	LJ2208001	1	FUSING HEATER 3 EC	
1-2	LJ2276001	1	OIL PAN UNIT 3	
1-2-1	LJ2329001	1	FU FELT 3 ASSY	
2	LJ3724001	1	SL3 FU GEAR SET	
3	LJ3725001	1	FU3 FUSING ROLLER	
4	LM0369001	1	FU3 BACK-UP ROLLER ASSY	chg
5	LJ3713001	1	P/R CLEANER	

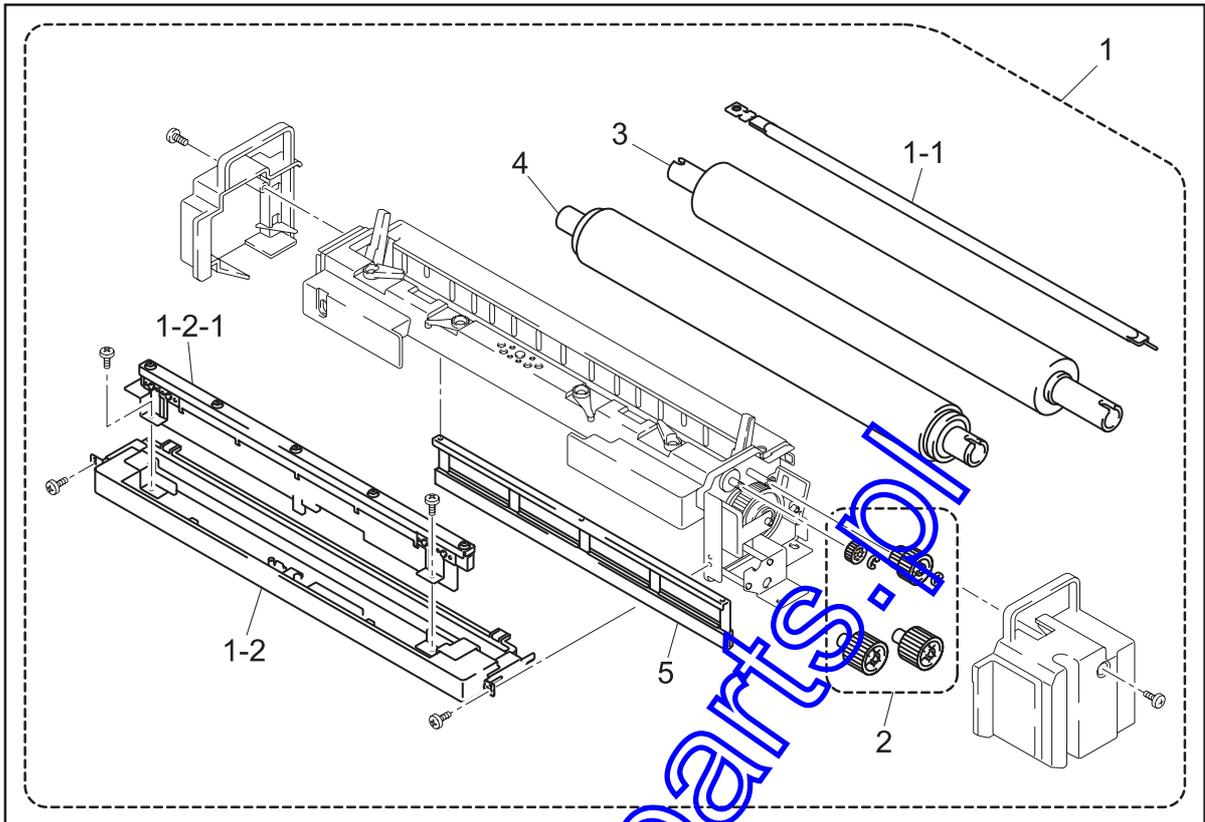
MODEL HL-3450CN 54S-312

8. MAIN PCB

REF.NO	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LJ8901001	1	MAIN PCB ASSY, HL-3450CN	101K	VER.CHNG
2	LJ8903001	1	DIMM:PM-HP-64M-BR		
3	LJ3733001	1	MAIN PCB BASE PLATE		
4	LJ8671001	1	BRNET PCB UNIT 4100H		

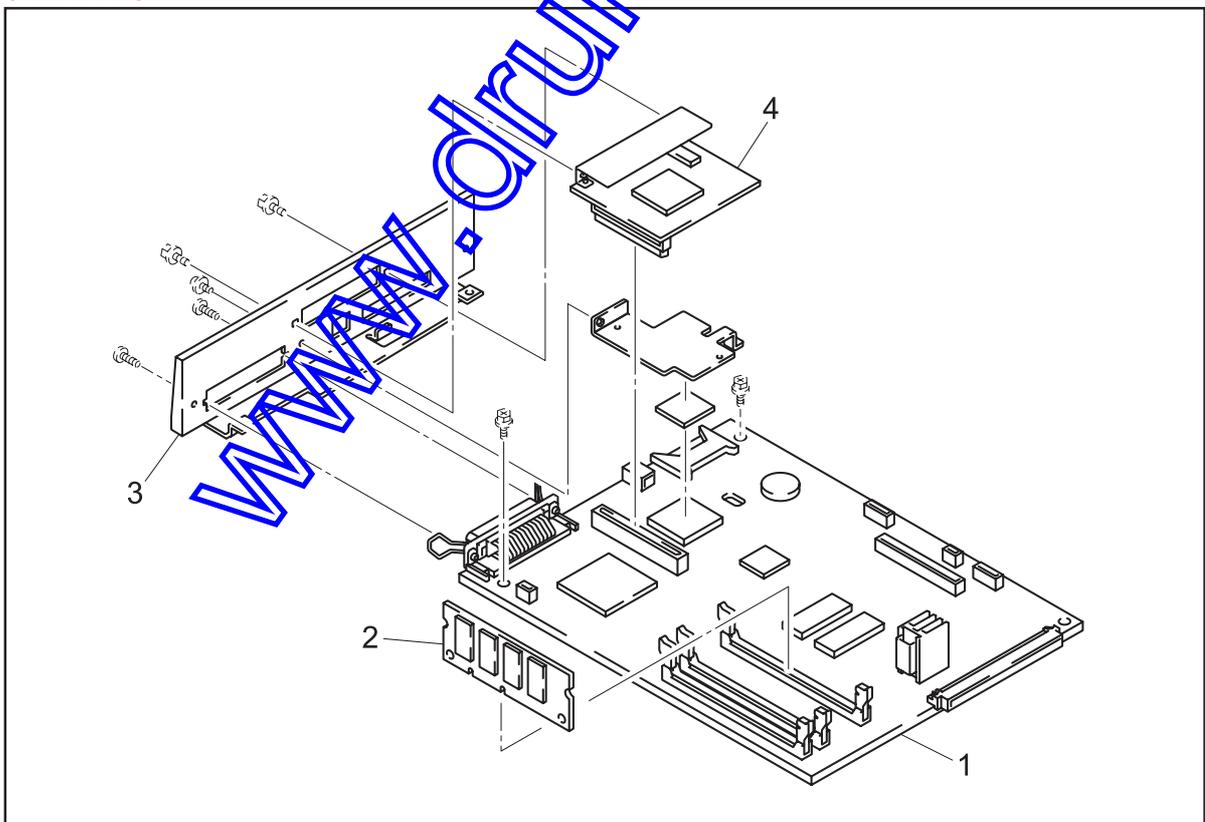
MODEL HL-3450CN 54S-312

7. FUSING UNIT



MODEL HL-3450CN 54S-312

8. MAIN PCB



MODEL HL-3450CN 54S-312

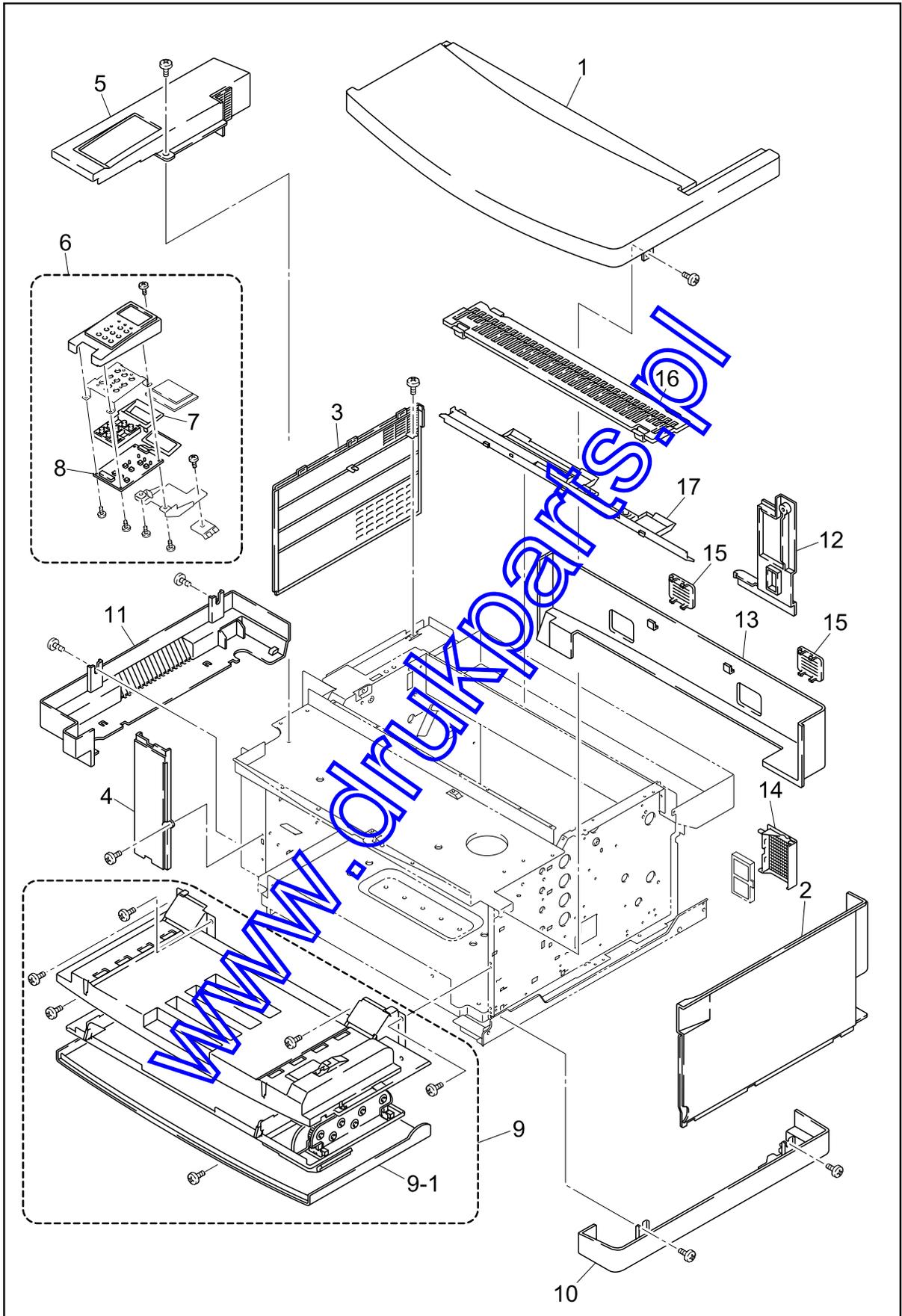
9. COVER

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2182001	1	TOP COVER 3	
2	LJ2183001	1	SIDE COVER 3 (R)	
3	LJ2184001	1	SIDE COVER 3 (L)	
4	LJ2185001	1	SIDE FRONT COVER 3 (L)	
5	LJ2186001	1	UPPER SIDE COVER 3	
6	LJ2187001	1	PANEL CASE ASSY	
7	UH3455001	1	PANEL BUTTON	
8	UH3456001	1	PANEL PWB	
9	LJ2190001	1	FRONT COVER UNIT 3	
9-1	LJ2191001	1	FRONT COVER 3	
10	LJ2200001	1	BASE COVER 3 (R)	
11	LJ2201001	1	BASE COVER 3 (L)	
12	LJ2202001	1	REAR COVER 3	
13	LJ2203001	1	REAR COVER 3 (U)	
14	LM0310001	1	OZONE FILTER E	
15	LM0311001	1	OZONE FILTER COVER E	
16	LJ2250001	2	REAR COVER U CAP	
17	LJ2253001	1	CLEANER COVER 3	

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9. COVER



MODEL HL-3450CN 54S-312

10. MCTL PWB

REF.NO	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LJ9113001	1	MCTL PWB A3 2		
1	LJ9114001	1	MCTL PWB A3 EC F2		

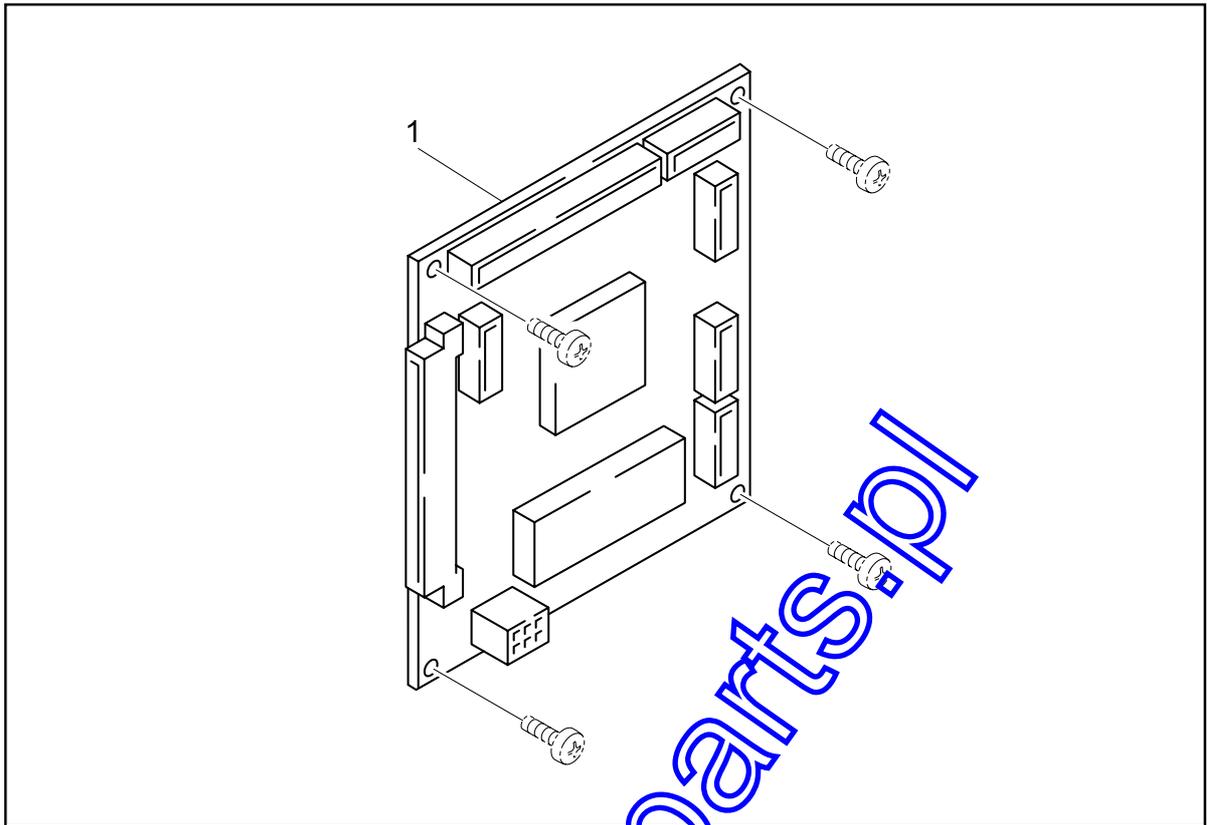
MODEL HL-3450CN 54S-312

11. IOD PWB

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2245001	1	IOD1 PWB 3	
2	LJ2246001	1	IOD2 PWB 3	

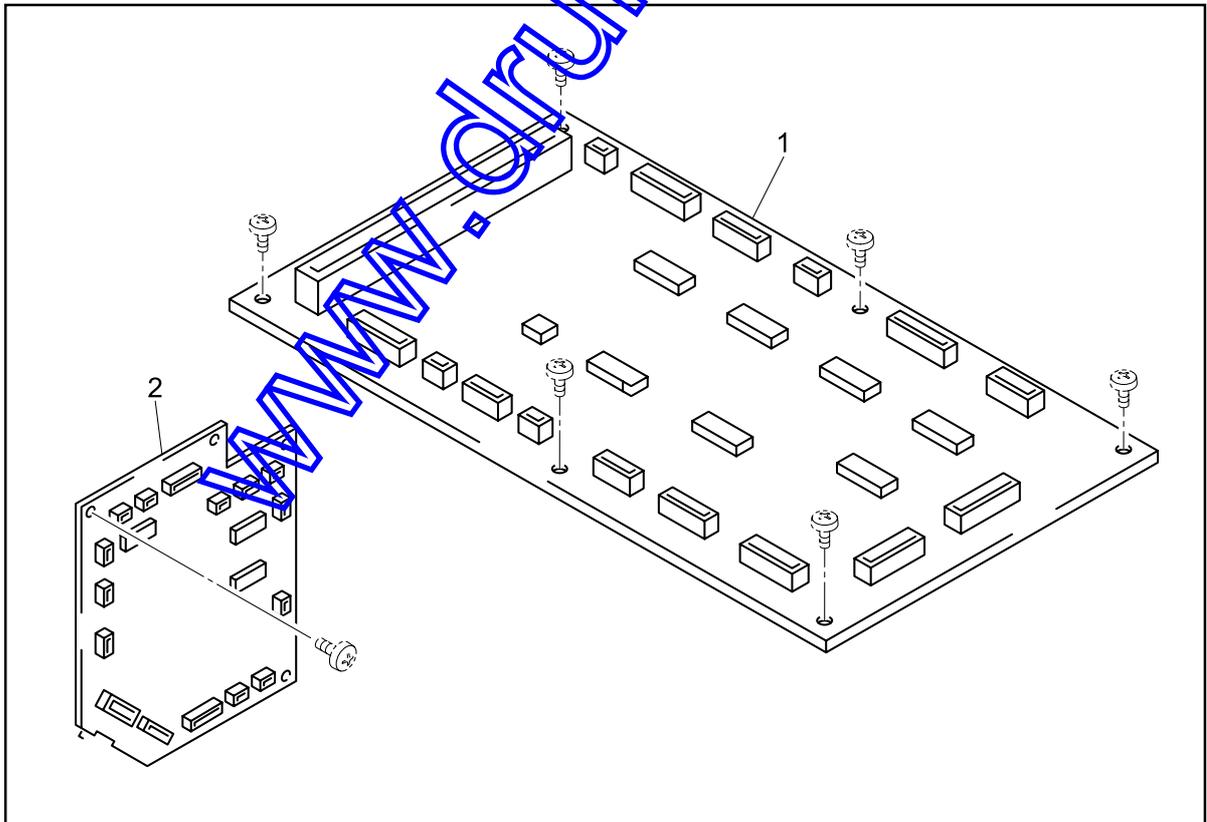
MODEL HL-3450CN 54S-312

10. MCTL PWB



MODEL HL-3450CN 54S-312

11. IOD PWB



MODEL HL-3450CN 54S-312

12. LOW-VOLTAGE POWER SUPPLY UNIT

REF.NO	CODE	Q'TY	DESCRIPTION	SYMBOL	REMARK
1	LJ2222001	1	POWER SUPPLY UNIT 3 US	Rev: D	
1	LJ2764001	1	POWER SUPPLY UNIT 3 EC F	Rev: C	

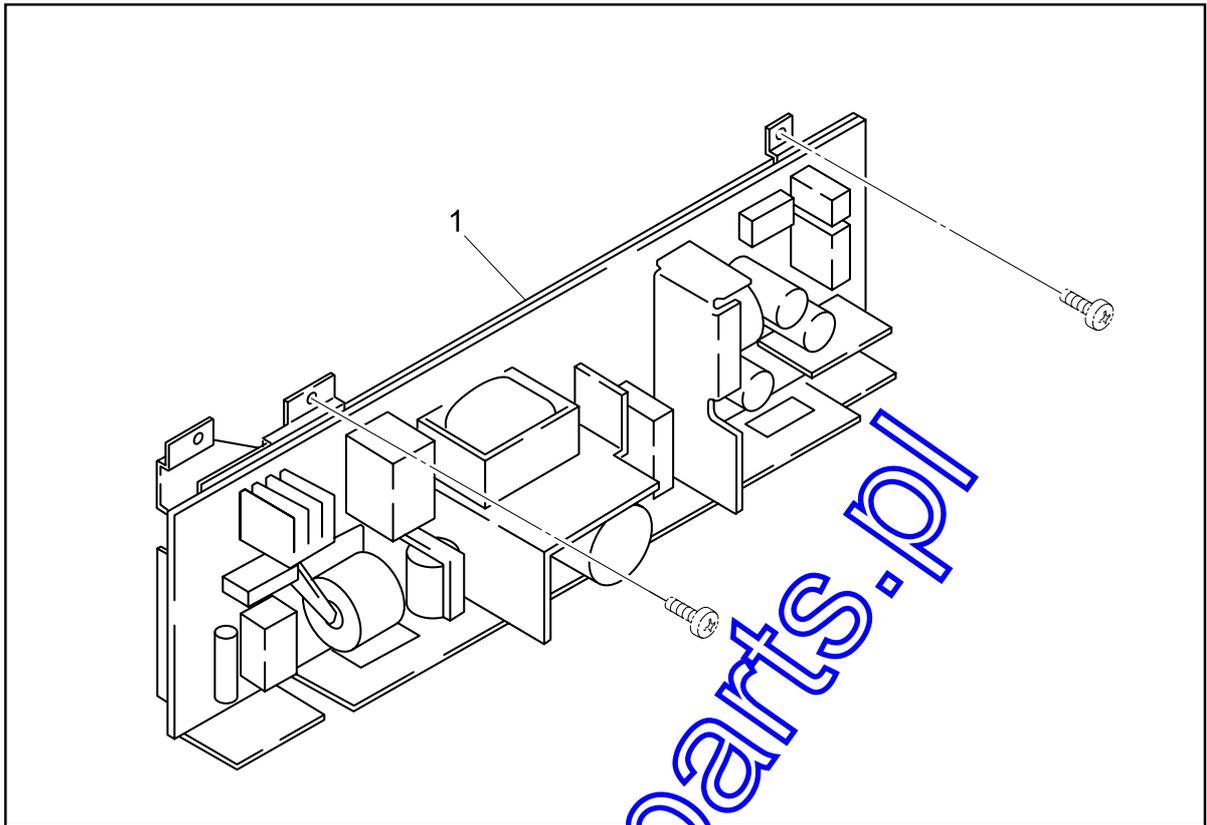
MODEL HL-3450CN 54S-312

13. HIGH-VOLTAGE POWER SUPPLY UNIT

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ9115001	1	HIGH VOLTAGE UNIT 3 (V)	

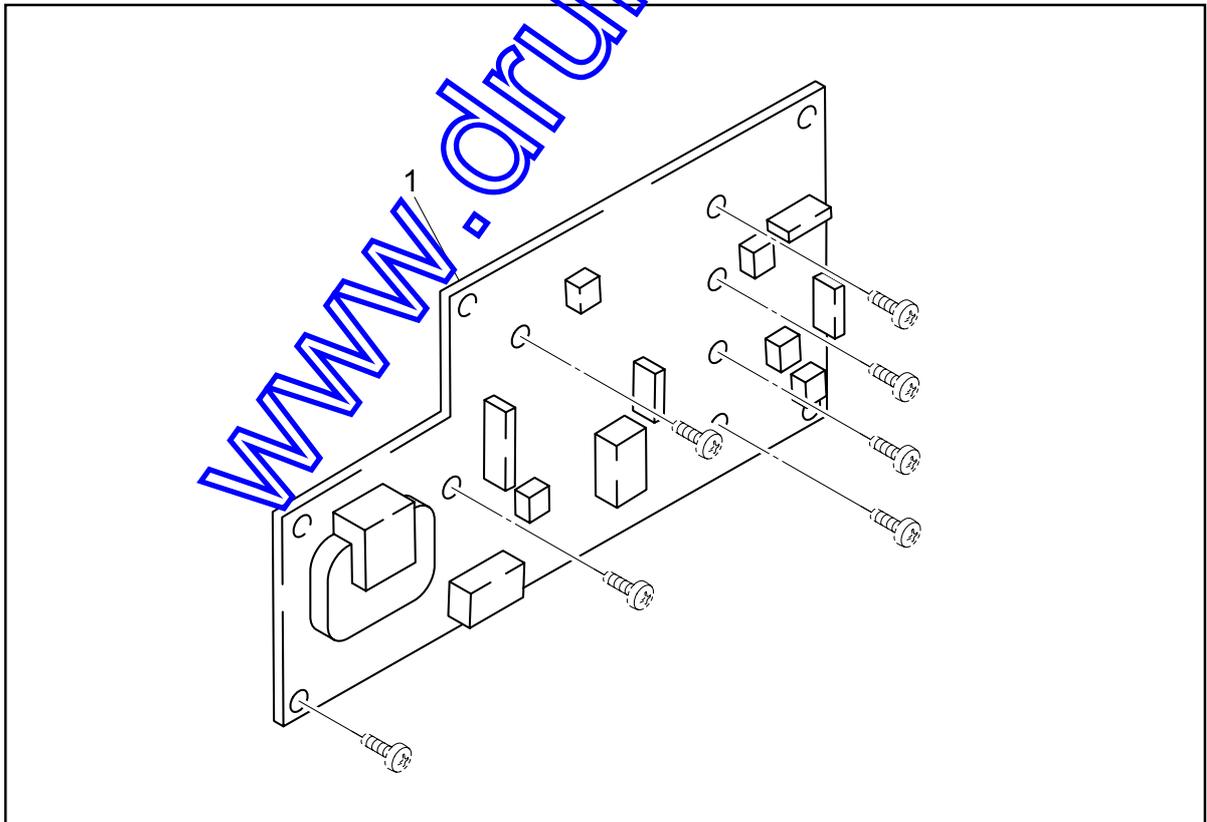
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12. LOW-VOLTAGE POWER SUPPLY UNIT



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13. HIGH-VOLTAGE POWER SUPPLY UNIT



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14. AC CORDS

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1A	UH1933001	1	AC CORD, US/CSA	

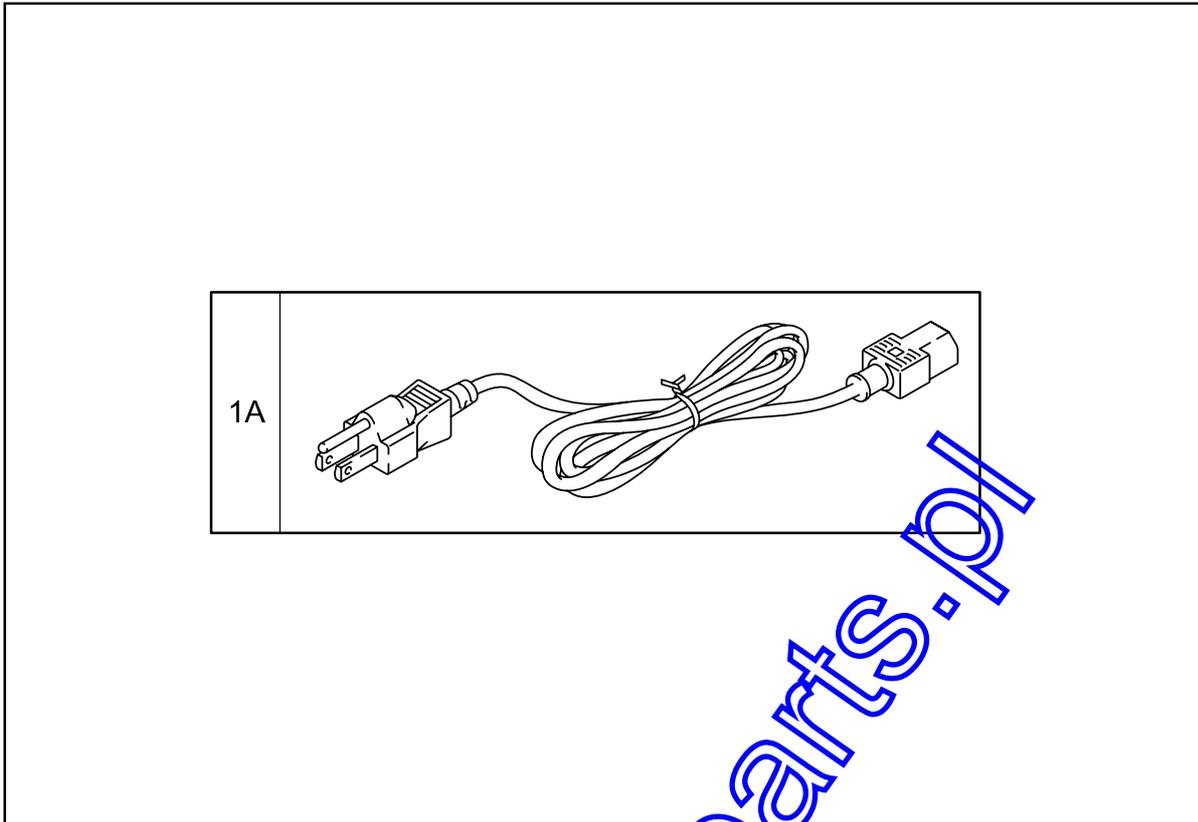
MODEL HL-3450CN 54S-312

15. ACCESSORIES

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ8934001	1	CD ASSY HL-C	
1	LM0129001	1	BC-1000 CD ASSY	
2	LJ3765001	1	SET GUIDE, ENG	
3	LJ3748001	1	DRIVER SET GUIDE JMIN, ENG	
3	LJ3944001	1	DRIVER SET GUIDE MAC, ENG	
4	LJ4961001	1	BAG 215X350H	

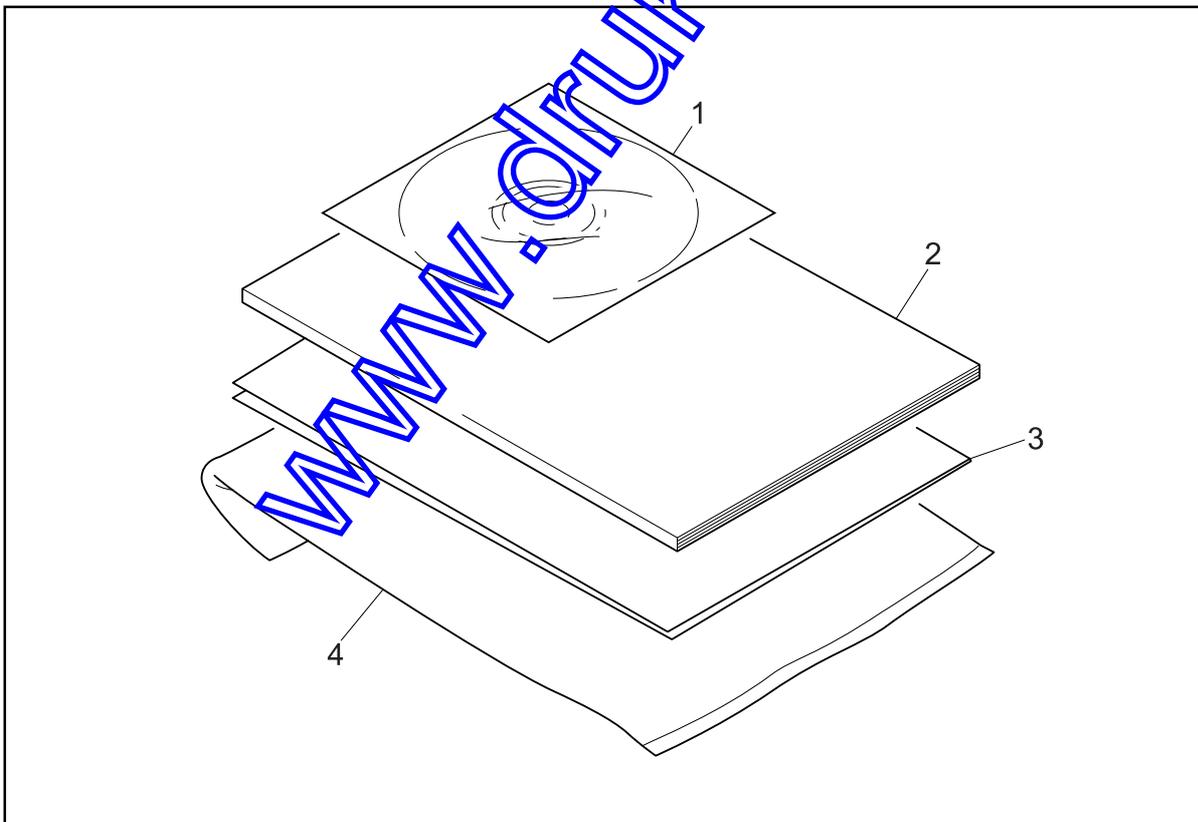
MODEL HL-3450CN 54S-312

14. AC CORDS



MODEL HL-3450CN 54S-312

15. ACCESSORIES



MODEL HL-3450CN 54S-312

16. PACKING MATERIALS

PR2002175

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LL0134001	1	ST PACKING SET 3 (B)	
2	LL0199001	1	BASE SET 3 (B)	
3	LL0132001	1	PALLET 3 (B)	
4	LL0489001	1	CARTON, HL-3450CN	
5	LM0130001	1	READ ME FIRST SHEET	
6	LL0133001	1	BAG,EN	
7	LM0358001	1	L SUPPORT (4pcs)	ADD

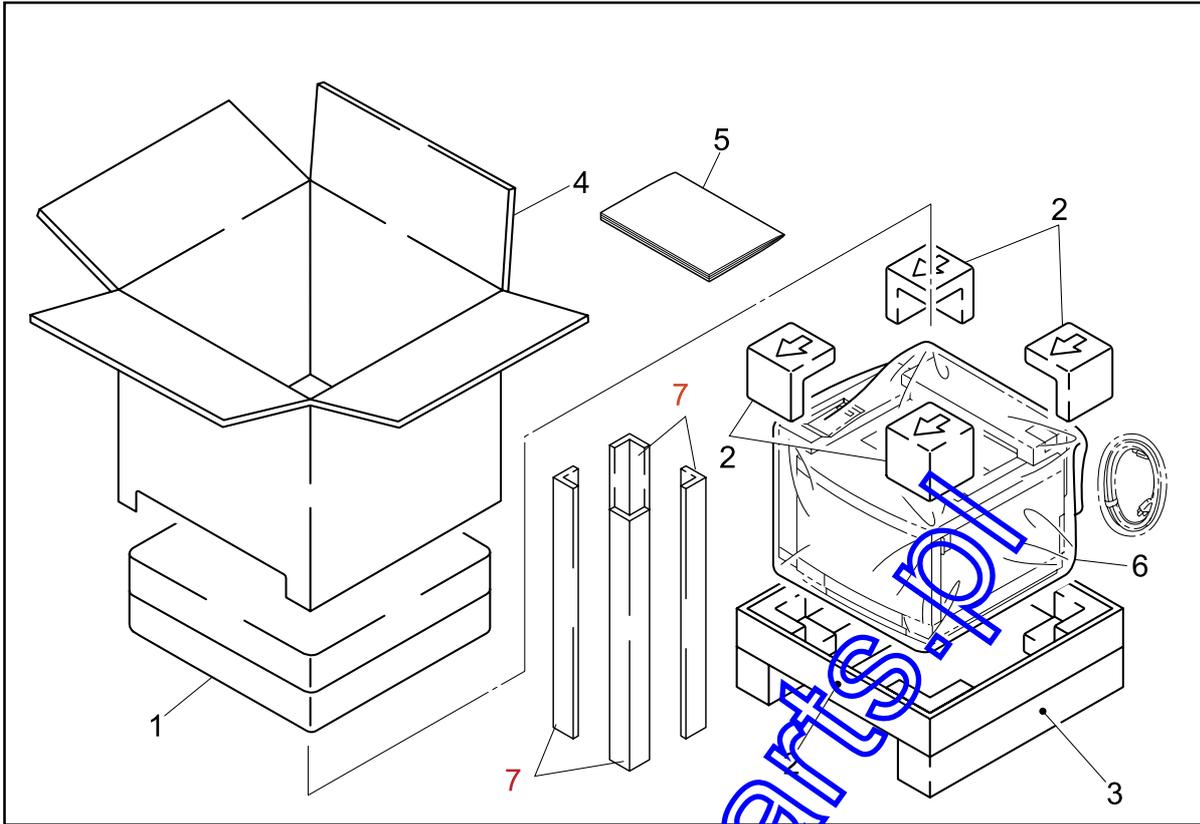
MODEL HL-3450CN 54S-312

T/I NO. PR2002175

17. PERIODICAL REPLACEMENT PARTS

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2319001	1	240K KIT	
2	LJ2320001	1	120K KIT	
3	LJ2321001	1	PAPER FEEDING KIT	
4	LJ2322001	1	70K KIT US2	
4	LJ2323001	1	70K KIT EC2	

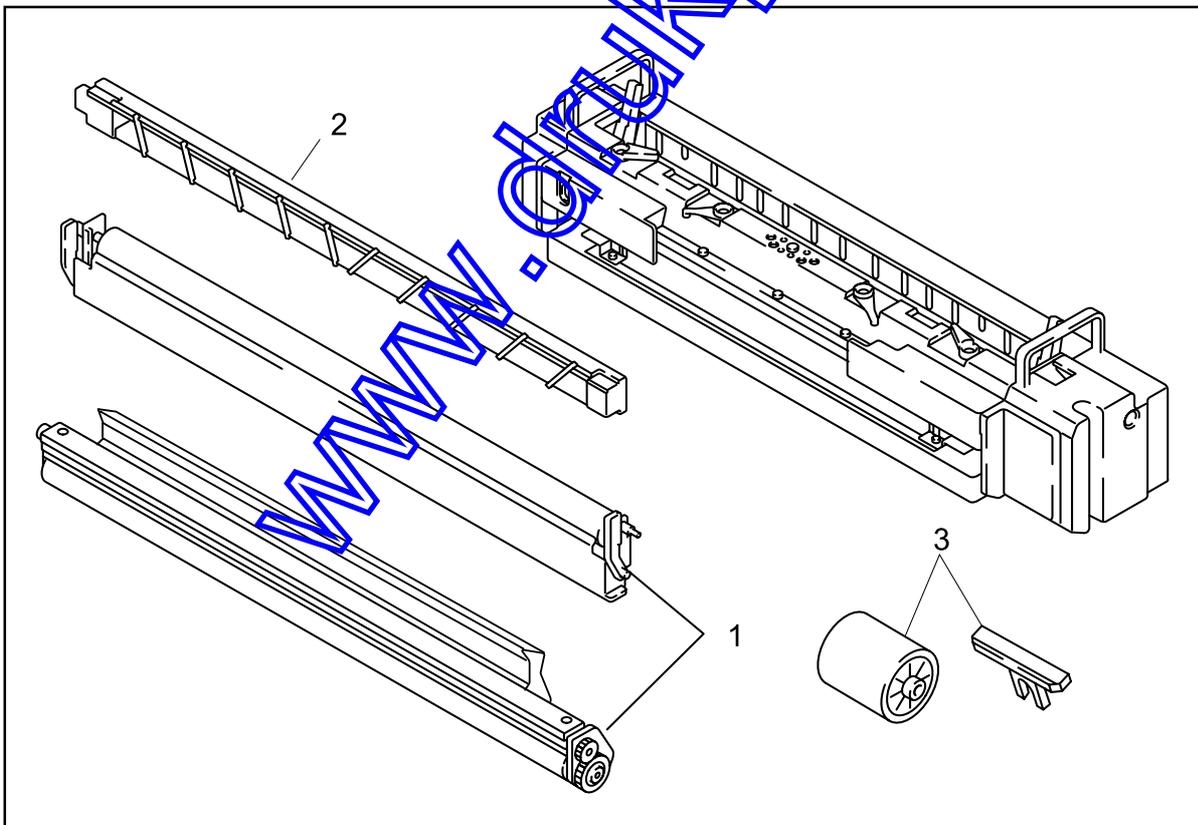
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MODEL HL-3450CN 54S-312

T/I NO. PR2002175

17. PERIODICAL REPLACEMENT PARTS



MODEL HL-3450CN 54S-312

T/I PR2002127

18. HARD DISK (OPTION)

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LJ2256001	1	HDD CABLE	
2	LJ2257001	4	SHOULDER SCREW	
3	087320616	4	TAPTITE, CUP S M3X6	

MODEL HL-3450CN 54S-312

19. OPC CHARGER 3P

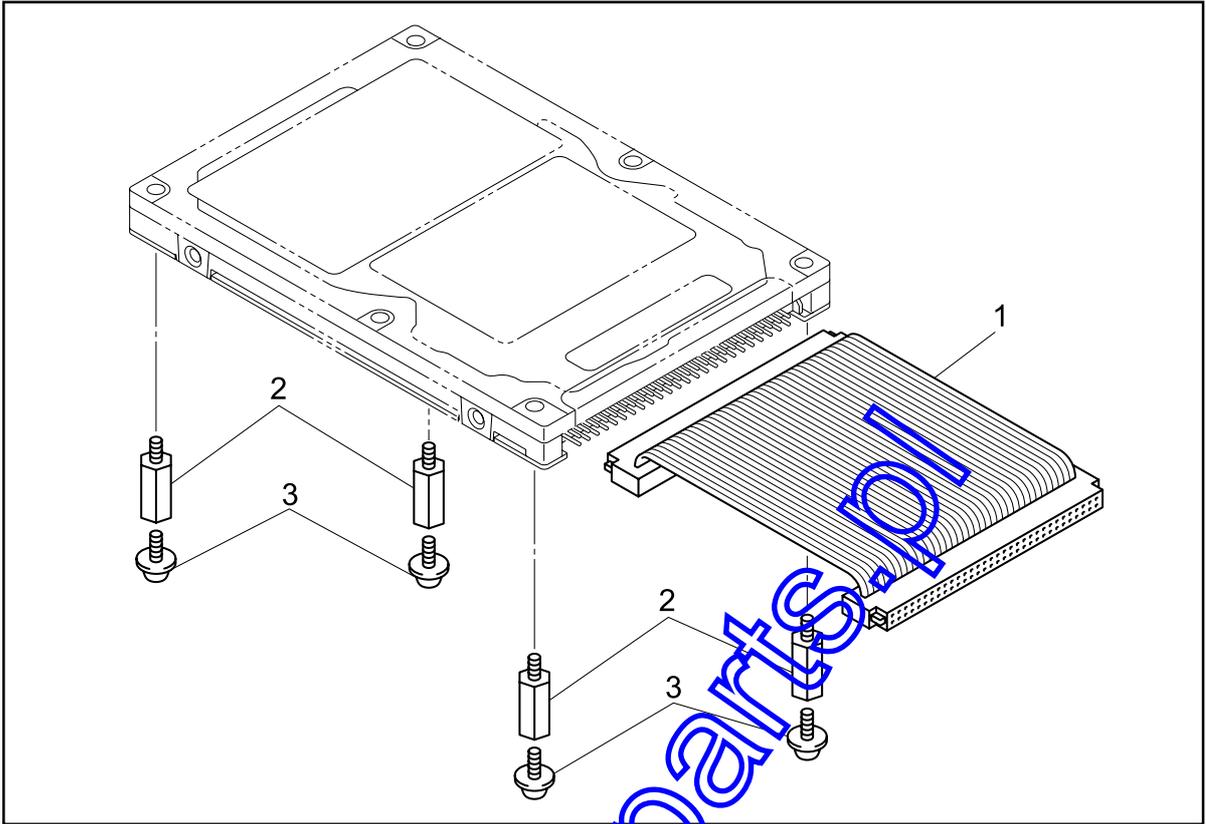
PR2002160

REF.NO	CODE	Q'TY	DESCRIPTION	REMARK
1	LM0346001	1	OPC CHARGER 3P	ADD

MODEL HL-3450CN 54S-312

T/I NO. PR2002160

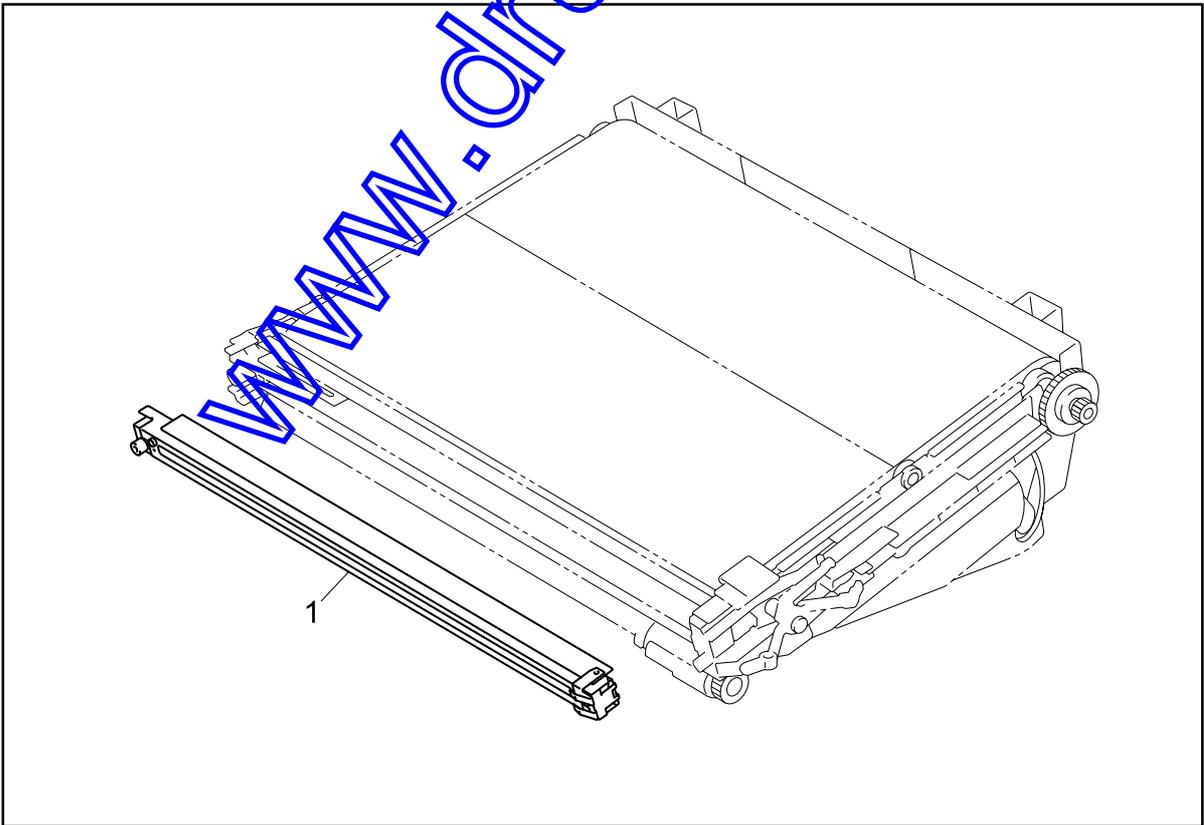
18. HARD DISK (OPTION)



MODEL HL-3450CN 54S-312

19 OPC CHARGER 3P

PR2002160



MODEL HL-3450CN 54S-312

T/I NO. PR2002160