

## F PERIODICAL MAINTENANCE

### 1. MAINTENANCE ITEM

#### 1.1 bizhub PRESS C7000/C7000P/C6000

##### 1.1.1 Replacing procedure of the periodical replacement parts

###### Note

- For the replacement procedure of the periodically replaced parts, refer to [F.5. PERIODICAL MAINTENANCE PROCEDURE bizhub PRESS C7000/C7000P/C6000](#).

##### 1.1.2 Periodic maintenance 1 (Every 50,000 prints (C7000/C7000P/C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Toner collection section	Toner collect box A03UR702##	1				•	The sensor detects its full automatically

##### 1.1.3 Periodic maintenance 2 (Every 160,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Photo conductor section	Charging corona /Y A1DUR713##	1	•			•	Actual replacement cycle: 70 hours charging Execute the cleaning when it is dirty.
		Charging corona /M A1DUR713##	1	•			•	
		Charging corona /C A1DUR713##	1	•			•	
		Charging corona /K A1DUR713##	1	•			•	

##### 1.1.4 Periodic maintenance 3 (Every 180,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Photo conductor section	Drum cartridge /Y DU-104	1				•	Replace it once for every 180,000 prints, drum drive distance 102km or the lubricant apply roller drive distance 130km, whichever is earlier
		Drum cartridge /M DU-104	1				•	
		Drum cartridge /C DU-104	1				•	
		Drum cartridge /K DU-104	1				•	

##### 1.1.5 Periodic maintenance 2 (Every 200,000 prints (C7000/C7000P))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	External section	Dust proof glass /Y, /M, /C, /K		•				Hydro-wipe
2	Photo conductor section	Charging corona /Y A1DUR713##	1	•			•	Actual replacement cycle: 70 hours charging Execute the cleaning when it is dirty.
		Charging corona /M A1DUR713##	1	•			•	
		Charging corona /C A1DUR713##	1	•			•	
		Charging corona /K A1DUR713##	1	•			•	
3	Duplex section	ADU conveyance rollers		•				Cleaning pad/isopropyl alcohol
4	Photo conductor section	Charging dust proof filter		•	•			
5	Registration section	Registration cleaning sheet		•				Cleaning pad/isopropyl alcohol
6	Paper feed section	Paper feed roller rubber		•				
		Separation roller rubber		•				
		Pick-up roller		•				
7	Vertical conveyance section	Intermediate conveyance roller /1		•				

8	Scanner section	Scanner unit (glass, mirror) (C7000 only)		(●)	●			Hydro-wipe
9	Bypass paper feed section MB-504	Paper feed roller rubber		●				Cleaning pad/isopropyl alcohol
		Separation roller rubber		●				
		Pick-up roller		●				
10	Output tray section OT-502	Paper holding roller 65AA4849##	2				●	
		Exit roller A0438907##	1				●	
		Paper exit driven roller /2 65AA4818##	4				●	

#### 1.1.6 Periodic maintenance 3 (Every 220,000 prints (C7000/C7000P))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Photo conductor section	Drum cartridge /Y DU-104	1				●	Replace it once for every 180,000 prints, drum drive distance 102km or the lubricant apply roller drive distance 130km, whichever is earlier
		Drum cartridge /M DU-104	1				●	
		Drum cartridge /C DU-104	1				●	
		Drum cartridge /K DU-104	1				●	

#### 1.1.7 Periodic maintenance 4 (Every 200,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	External section	Dust proof glass /Y, /M, /C, /K		●				Hydro-wipe
2	Duplex section	ADU conveyance rollers		●				Cleaning pad/isopropyl alcohol
3	Photo conductor section	Charging dust proof filter		●	●			
4	Registration section	Registration Cleaning Sheet		●				Cleaning pad/isopropyl alcohol
5	Paper feed section	Paper feed roller rubber		●				
		Separation roller rubber		●				
		Pick-up roller		●				
6	Vertical conveyance section	Intermediate conveyance roller /1		●				
7	Scanner section	Scanner unit (glass, mirror)		(●)	●			Hydro-wipe
8	Bypass paper feed section MB-504	Paper feed roller rubber		●				Cleaning pad/isopropyl alcohol
		Separation roller rubber		●				
		Pick-up roller		●				
9	Output tray section OT-502	Paper holding roller 65AA4849##	2				●	
		Exit roller A0438907##	1				●	
		Paper exit driven roller /2 65AA4818##	4				●	

#### 1.1.8 Periodic maintenance 4 (Every 340,000 prints (C7000/C7000P))/Periodic maintenance 5 (Every 300,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Developing section	Developer /Y DV610Y					●	340,000 prints (C7000/C7000P)/ 300,000 prints (C6000) or the developing roller drive distance 200km, whichever is earlier
		Developer /M DV610M					●	
		Developer /C DV610C					●	
		Developer /K DV610K					●	

		Developing unit /Y A1DUR70X##		•				Hydro-wipe/isopropyl alcohol
		Developing unit /M A1DUR70X##		•				
		Developing unit /C A1DUR74K##		•				
		Developing unit /K A1DUR72S##		•				

### 1.1.9 Periodic maintenance 5 (Every 350,000 prints (C7000/C7000P))/Periodic maintenance 5 (Every 300,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Fusing section	Fusing separation plate assy A1DUR74H##	1				•	
2	Intermediate transfer section	Belt drive roller		•				Hydro-wipe/isopropyl alcohol
		1st transfer pressure roller /Y, /M, /C, /K		•				
		Tension roller		•				
		Belt driven roller /Up (3 rollers)		•				
		Belt driven roller /Lw		•				
		Intermediate transfer belt A03U5042##	1				•	
		Toner collection sheet A1DUR71C##	1				•	
		Transfer belt cleaning blade A03U5530##	1				•	350,000 prints (C7000/C7000P)/ 300,000 prints (C6000) or the transfer belt cleaning blade drive distance 164km, whichever is earlier
		1st transfer roller /Y A03U5012##	1				•	
		1st transfer roller /M A03U5012##	1				•	
		1st transfer roller /C A03U5012##	1				•	
		1st transfer roller /K A03U5004##	1				•	
		2nd transfer roller /Up 65AA2611##	1				•	
		2nd transfer roller /Lw 65AA4501##	1				•	
		Separation discharging plate assy A1DUR738##	1				•	

### 1.1.10 Periodic maintenance 6 (Every 400,000 prints (C7000/C7000P/C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Paper feed roller rubber /1, /2, /3 25SA4096##	3				•	Actual replacement cycle: 125,000 feeds
		Separation roller rubber /1, /2, /3 25SA4096##	3				•	
2	Reverse/exit section	Reverse de-curler roller A03U8605##	1				•	
		Reverse gate A03U8610##		•				Cleaning pad/isopropyl alcohol

### 1.1.11 Periodic maintenance 7 (Every 450,000 prints (C7000/C7000P/C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Fusing section	Fusing paper exit roller /Lw		•				Cleaning pad/isopropyl alcohol

		Fusing paper exit roller /Up A03U7225##	2				•	
		Fusing Belt A03U7205##	1				•	
		Fusing roller /Lw A03U7203##	1			•	•	Multemp FF-RM
		Fusing bearing /Up				•		
		Fusing bearing /Lw 26NA5371##	2			•	•	
		Fusing bearing /2				•		
		Heat insulating sleeve /Up				•		
		Heat insulating sleeve /Lw A03U7227##	2			•	•	
		Fusing drive gear /O A03U8095##	1			•	•	
		Fusing drive gear /B				•		
		Fusing paper exit roller /1				•		
		Fusing paper exit roller /2				•		

#### 1.1.12 Periodic maintenance 8 (Every 600,000 prints (C7000/C7000P))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	External section	Filter box A1DUR703##	1				•	
		Dust proof filter on rear side A1DUR707##	1				•	Replace the dust proof filter on rear side and the developing dust proof filter at the same time
		Developing dust proof filter A1DU1230##	1				•	
2	Photo conductor section	Charging dust proof filter A1DUR711##	1				•	
3	Fusing section	Fusing limiter 65AA5365##	1				•	
		Fusing regulating gear /A 65AA7747##	1			•	•	Multemp FF-RM
4	Registration section	Registration cleaning sheet assy A1DUR73B##	1				•	

#### 1.1.13 Periodic maintenance 8 (Every 600,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	External section	Filter box A1DUR703##	1				•	
		Dust proof filter on rear side A1DUR707##	1				•	Replace the dust proof filter on rear side and the developing dust proof filter at the same time
		Developing dust proof filter A1DU1230##	1				•	
2	Photo conductor section	Charging dust proof filter A1DUR711##	1				•	
3	Fusing section	Fusing limiter 65AA5365##	1				•	
		Fusing regulating gear /A	1			•	•	Multemp FF-RM
4	Intermediate transfer section	Transfer belt cleaning unit A1DUR738##	1				•	Replace the toner collection sheet /1, belt cleaner blade, and transfer roller bearing at the same time.
		Transfer belt separation claw A1DUR719##	3				•	
5	Registration section	Registration cleaning sheet assy A1DUR73B##	1				•	

#### 1.1.14 Periodic maintenance 9 (Every 700,000 prints (C7000/C7000P))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
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				Cleani ng	Check	Lubric ation	Repla ce	
1	Intermediate transfer section	Transfer belt cleaning unit A1DUR738##	1				•	
		Transfer belt separation claw A1DUR719##	3				•	

**1.1.15 Periodic maintenance 9 (Every 900,000 prints (C6000))**

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Developing section	Developing unit /Y A1DUR70X##	1				•	Replace it once for every 900,000 prints or the developing roller drive distance 600km, whichever is earlier
		Developing unit /M A1DUR70X##	1				•	
		Developing unit /C A1DUR74K##	1				•	
		Developing unit /K A1DUR72S##	1				•	
2	Intermediate transfer section	2nd transfer earth plate assy A1DUR737##	1				•	

**1.1.16 Periodic maintenance 10 (Every 900,000 prints (C7000/C7000P/C6000))**

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Fusing section	Fusing roller /1 A03U7201##	1				•	
		Fusing roller /2 A03U7202##	1				•	
		Fusing bearing /Up A03U8078##	2				•	
		Fusing bearing /2 56UA7507##	2				•	
		Belt regulating sleeve A03U7250##	2				•	
		Heat insulating sleeve /Up A03U7295##	2				•	
		Fusing drive gear /B A03U8082##	1			•	•	Multemp FF-RM
		Fusing drive gear /M A03U8093##	1			•	•	Multemp FF-RM

**1.1.17 Periodic maintenance 11 (Every 1,000,000 prints (C7000/C7000P/C6000))**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Reverse/exit section	Paper exit de-curler roller A03U8926##	1				•	
		Guide plate /Up		•				Cleaning pad/isopropyl alcohol

**1.1.18 Periodic maintenance 12 (Every 1,020,000 prints (C7000/C7000P))**

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Developing section	Developing unit /Y A1DUR70X##	1				•	Replace it once for every 1,020,000 prints or the developing roller drive distance 600km, whichever is earlier
		Developing unit /M A1DUR70X##	1				•	
		Developing unit /C A1DUR74K##	1				•	
		Developing unit /K A1DUR72S##	1				•	

**1.1.19 Periodic maintenance 13 (Every 1,050,000 prints (C7000/C7000P))**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Intermediate transfer section	2nd transfer earth plate assy A1DUR737##	1				•	

**1.1.20 Periodic maintenance 14 (Every 1,400,000 prints (C7000/C7000P))/Periodic maintenance 12 (Every 1,400,000 prints (C6000))**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Intermediate transfer section	Belt separation claw solenoid 26NA8251##	1				•	
2	Registration section	Registration roller A1DUR73A##	1				•	
3	Bypass paper feed section MB-504	Paper feed roller rubber /BP 25SA4096##	1				•	Actual replacement cycle: 125,000 feeds
		Separation roller rubber /BP 25SA4096##	1				•	

**1.1.21 Periodic maintenance 15 (Every 1,800,000 prints (C7000/C7000P))/Periodic maintenance 13 (Every 1,800,000 prints (C6000))**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Fusing section	Fusing duct assy A1DUR721##	1				•	

**1.1.22 Periodic maintenance 16 (Every 2,000,000 prints (C7000/C7000P))/Periodic maintenance 14 (Every 2,000,000 prints (C6000))**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Duplex section	Intermediate conveyance clutch /2 56AA8201##	1				•	
		Intermediate conveyance clutch /3 56AA8201##	1				•	
2	Vertical conveyance section	Intermediate conveyance clutch /1 56AA8201##	1				•	

**1.1.23 Periodic maintenance 17 (Every 2,400,000 prints (C7000/C7000P))/Periodic maintenance 15 (Every 2,400,000 prints (C6000))**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Fusing section	Fusing lamp assy /Up A1DUM31A## (Japan) A1DUM31E## (North America) A1DUM31F## (Europe)	1				•	
		Fusing temperature sensor assy /Up (edge) A1DUA737##	1				•	
		Fusing temperature sensor assy /Lw (edge) A1DUA767##	1				•	
2	Paper feed section	Pick-up roller A1DUR71J##	3				•	Actual replacement cycle: 800,000 feeds

**1.1.24 Periodic maintenance 18 (Every 2,700,000 prints (C7000/C7000P))/Periodic maintenance 16 (Every 2,700,000 prints (C6000))**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	

1	Fusing section	Fusing heater lamp /4 A03UM32A## (Japan) A03UM32E## (North America) A03UM32F## (Europe)	1				•	
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### 1.1.25 Periodic maintenance 19 (Every 3,000,000 prints (C7000/C7000P))/Periodic maintenance 17 (Every 3,000,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Intermediate transfer section	Transfer Roller Bearing 65AA2638##	8				•	

### 1.1.26 Periodic maintenance 20 (Every 4,000,000 prints (C7000/C7000P))/Periodic maintenance 18 (Every 4,000,000 prints (C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Paper feed clutch /1 56AA8201##	1				•	Actual replacement cycle: 2,000,000 feeds
		Paper feed clutch /2 56AA8201##	1				•	
		Paper feed clutch /3 56AA8201##	1				•	
		Pre-registration clutch /1 56AA8201##	1				•	
		Pre-registration clutch /2 56AA8201##	1				•	
		Pre-registration clutch /3 56AA8201##	1				•	
2	MB-504	Pick-up roller /BP A21ER703##	1				•	Actual replacement cycle: 800,000 feeds
		Paper feed clutch /BP 56AA8201##	1				•	Actual replacement cycle: 2,000,000 feeds

### 1.1.27 Spot replacement (Every 3,600,000 prints (C7000/C7000P/C6000))

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Duplex section	ADU conveyance clutch /1 A03UM201##	1				•	
		ADU transport clutch /2 A03UM201##	1				•	
		ADU transport clutch /3 A03UM201##	1				•	
		ADU pre-registration clutch A03UM201##	1				•	

## 1.2 DF-622

### 1.2.1 Spotted replacement (Every 625,000 feeds)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Pick-up roller 13YH4064##	2				•	
		Paper feed roller 13YH4039##	1				•	
		Separation roller 20AJ4015##	1				•	

**1.3 PF-602****1.3.1 Periodic maintenance 1 (Every 200,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Paper feed section	Pick-up rubber		•				Isopropyl alcohol/cleaning pad
		Paper feed roller		•				
		Separation roller		•				
		PF separation gear section		•		(•)		Alcohol/cleaning pad/multemp FF-RM
2	Conveyance section	Vertical conveyance roller /1		•				Isopropyl alcohol/cleaning pad
		Horizontal conveyance roller /1		•				

**1.3.2 Periodic maintenance 2 (Every 600,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Paper feed section	Pick-up rubber A03X5652##	2				•	Actual replacement cycle: 300,000 feeds
		Paper feed roller A03X5653##	2				•	
		Separation roller A03X5654##	2				•	

**1.3.3 Periodic maintenance 3 (Every 2,400,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Paper feed section	Paper feed clutch 56AA8201##	2				•	Actual replacement cycle: 2,000,000 feeds
		Separation clutch 56AA8201##	2				•	
2	Conveyance section	Vertical conveyance clutch /1 56AA8201##	1				•	
		Vertical conveyance clutch /2 56AA8201##	1				•	
		Vertical conveyance clutch /3 56AA8201##	1				•	
		Horizontal conveyance clutch /1 56AA8201##	1				•	
		Horizontal conveyance clutch /2 56AA8201##	1				•	
		Pre-registration clutch 56AA8201##	1				•	

**1.4 LU-202****1.4.1 Periodic maintenance 1 (Every 200,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Paper feed section	Pick-up roller		•				Isopropyl alcohol/cleaning pad
		Paper feed roller		•				
		Separation roller		•				
		Pre-registration roller		•				
		Paper dust removing brush		•				
		LU separation gear			•	(•)		Alcohol/cleaning pad/multemp FF-RM

**1.4.2 Periodic maintenance 2 (Every 600,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
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				Cleani ng	Check	Lubric ation	Repla ce	
1	Paper feed section	Pick-up roller A03X5652##	1				•	Actual replacement cycle: 300,000 feeds
		Paper feed roller A03X5653##	1				•	
		Separation roller A03X5654##	1				•	

### 1.4.3 Periodic maintenance 3 (Every 2,400,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Paper feed section	Paper feed clutch 56AA8201##	1				•	Actual replacement cycle: 2,000,000 feeds
		Pre-registration clutch 56AA8201##	1				•	

## 1.5 RU -509/HM-102

### 1.5.1 Periodic maintenance 1 (Every 300,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Entrance conveyance section	Entrance sensor		•				Blower brush
		De-curler entrance sensor		•				
2	Output paper density detection section	Color density detection timing sensor		•				
3	Paper exit section	Paper exit conveyance sensor		•				
		Paper exit sensor		•				Isopropyl alcohol/cleaning pad
4	HM-102	Humidification section entrance sensor		•				
		Humidification section conveyance roller		•				
		Water feed roller		•				
		Humidification roller /Rt A1TU5001##	1	•			•	
		Humidification roller /Lt A1TU5002##	1	•			•	

### 1.5.2 Periodic maintenance 2 (Every 600,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Output paper density detection section	Shutter		•				Blower brush

### 1.5.3 Spotted replacement (Every 300,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	HM-102	Water feed filter A1TU5215##	1				•	

### 1.5.4 Spotted replacement (Every 1,500,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	HM-102	Water feed roller A1TU5003##	2				•	

**1.6 FS-521****1.6.1 Periodic maintenance 1 (Every 600,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Preparation	Original through check			•			
		Removing from the main body						
		Removing the rear cover						
2	Main tray section	Cleaning of each sensor		•				Blower brush
3	Stacker section	Cleaning of each sensor		•				Blower brush
4	Conveyance section	Cleaning of the paper dust removing brush		•				Vacuum cleaner/blower brush
5	Post-process	Installing the rear cover						
		Installing to the main body						
6	Final check	Original through check			•			
		Cleaning of the cover		•				Isopropyl alcohol/cleaning pad

**1.6.2 Periodic maintenance 2 (Every 3,000,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Conveyance section	Bypass roller /Lw pressure release cam	2			•		Molykote EM-30L
2	Stacker section	Worm gear, cam	1			•		Molykote EM-30L

**1.6.3 Spotted replacement (Every 500,000 operations)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Stapler section	Stapler unit /Fr A0GYA735##	1				•	
		Stapler unit /Rr A0GYA736##	1				•	

**1.6.4 Spotted replacement (Every 600,000 feeds)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Main tray section	Paper exit roller /A 122H4825##	8				•	

**1.7 FS-531****1.7.1 Periodic maintenance 1 (Every 200,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Conveyance section	Shift roller motor			•			
		Paper exit opening motor			•			
		Bypass gate solenoid			•			
2	Stacker section	Paper assist roller (sponge roller)			•			

**1.7.2 Spotted replacement (Every 200,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Main tray section	Paper exit roller /A (sponge roller) 122H4825##	6				•	

		Paper exit roller /B (sponge roller) A04D8904##	4				•	
		Intermediate conveyance roller (sponge roller) 13QE4531##	4				•	

**1.7.3 Spotted replacement (Every 400,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Stacker section	Paper assist roller (sponge roller) 20AK4210##	1				•	
		Cleaning plate assy A07RA741##	1				•	

**1.7.4 Spot replacement (Every 500,000 staples)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Stapler section	Stapler unit /Fr A07RA735##	1				•	
		Stapler unit /Rr A07RA736##	1				•	

**1.8 FS-612****1.8.1 Periodic maintenance 1 (Every 300,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Conveyance section	Shift roller motor			•			
		Paper exit opening motor			•			
		Bypass gate solenoid			•			
2	Stacker section	Paper assist roller (sponge roller)			•			
3	Folding section	Folding knife motor			•			
		Tri-folding gate solenoid			•			

**1.8.2 Spotted replacement (Every 200,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Main tray section	Paper exit roller /A (sponge roller) 122H4825##	6				•	
		Paper exit roller /B (sponge roller) A04D8904##	4				•	
		Intermediate conveyance roller (sponge roller) 13QE4531##	4				•	

**1.8.3 Spotted replacement (Every 400,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Stacker section	Paper assist roller (sponge roller) 20AK4210##	1				•	

**1.8.4 Spot replacement (Every 200,000 staples)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Stapler section	Stapler unit /Fr 15JM-501##	1				•	
		Stapler unit /Rr 15JM-501##	1				•	

**1.9 PI-502****1.9.1 Periodic maintenance 1 (Every 300,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Pick-up roller		•				Isopropyl alcohol/cleaning pad
		Paper feed roller		•				
		Separation roller		•				

**1.9.2 Spotted replacement (Every 100,000 feeds)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Paper feed roller 13QNR705##	2				•	
		Separation roller 13QNR704##	2				•	

**1.9.3 Spotted replacement (Every 200,000 feeds)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Pick-up roller 50BAR701##	2				•	

**1.9.4 Spotted replacement (Every 600,000 feeds)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Torque limiter 13QN4073##	2				•	

**1.9.5 Spotted replacement (Every 1,000,000 feeds)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Paper feed section	Paper feed clutch /Up 13QN8201##	1				•	
		Paper feed clutch /Lw 13QN8201##	1				•	

**1.10 LS-505****1.10.1 Periodic maintenance 1 (Every 1,500,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Preparation	Original through check			•			
2	Conveyance section	Cleaning of each sensor		•				Blower brush
3	Final check	Original through check			•			

		Cleaning of the cover		•				Isopropyl alcohol/cleaning pad
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## 1.11 FD-503

### 1.11.1 Periodic maintenance 1 (Every 1,500,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Preparation	Original through check			•			
		Removing the punch unit						
		Removing from RU						
2	Punch section	Punch shaft and the punch support board		•				Isopropyl alcohol/cleaning pad
		Punch drive section				•		Molykote EM-30L
3	Post-process	Installing the punch unit						
		Installing to RU						
4	Final check	Original through check			•			

### 1.11.2 Periodic maintenance 2 (Every 2,400,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	PI section	Cleaning of each sensor		•				
2	Tray up/down section	Cleaning of each sensor		•				
3	Punch section	Cleaning of each sensor		•				
4	Conveyance section	Cleaning of each sensor		•				
5	Final check	Cleaning of the cover		•				Isopropyl alcohol/cleaning pad

### 1.11.3 Periodic maintenance 3 (Every 5,400,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Final check	Cleaning of the cover		•				Isopropyl alcohol/cleaning pad

### 1.11.4 Spotted replacement (100,000 feeds)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	PI section	Paper feed rubber 50BAR702##	2				•	
		Separation rubber 13QNR704##	2				•	

### 1.11.5 Spotted replacement (Every 200,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	PI section	Pick-up rubber 50BAR701##	6				•	

## 1.12 SD-506

### 1.12.1 Periodic maintenance 1 (Every 600,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Preparation	Original through check			•			
		Removing the rear cover						
		Removing the unit						

2	Right angle conveyance section	Right angle conveyance sensor /1		•				Blower brush
		Right angle conveyance sensor /2		•				
		Right angle conveyance roller /1		•				Isopropyl alcohol/cleaning pad
		Right angle conveyance roller /2		•				
		Right angle conveyance roller /3		•				
		Right angle conveyance roller /4		•				
3	Folding section	Folding main scan alignment home sensor /Fr1		•				Blower brush
		Folding main scan alignment home sensor /Fr2		•				
		Folding entrance roller /1		•				Isopropyl alcohol/cleaning pad
		Folding entrance roller /2		•				
		Folding entrance roller /3		•				
4	Saddle stitching section	Saddle stitching paper sensor		•				Blower brush
		Bundle sensor /1		•				
5	Bundle processing section	Bundle sensor /2		•				
6	Trimmer section	Trimmer scraps full sensor		•				
		Actuator		•				
7	Post-process	Installing the unit			•			
		Installing the rear cover		•				Isopropyl alcohol/cleaning pad
8	Final check	Original through check			•			
		Cleaning of the cover		•				Isopropyl alcohol/cleaning pad

### 1.12.2 Periodic maintenance 2 (Every 1,500,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Trimmer section	Paper holding screw A0H26621##	2	•		•		Molykote EM-30L Actual lubrication cycle:37,500 cuts

### 1.12.3 Spotted replacement (Every 18,900 cuts)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Trimmer section	Trimmer board assy A0H2B622#	1				•	Actual replacement cycle: 18,900 cuts

### 1.12.4 Spotted replacement (Every 37,500 cuts)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Trimmer section	Trimmer blade kit A0H2R901##	1	•			•	

### 1.12.5 Spotted replacement (Every 500,000 cuts)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Trimmer section	Trimmer press motor (M32) A0H2M101##	1				•	

### 1.12.6 Spotted replacement (Every 500,000 times)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Bundle processing section	Bundle press stage gear 15AN7719##	1				•	

**1.12.7 Spotted replacement (Every 850,000 cuts)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Trimmer section	Trimmer blade motor (M31) A0H2M102##	1				•	

**1.12.8 Spotted replacement (Every 1,000,000 sets)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Saddle stitching section	Stapler assy 15AN-550##	2				•	

**1.13 PB-503****1.13.1 Periodic maintenance 1 (Every 750,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Preparation	Original through check			•			
2	Conveyance section	Entrance sensor		•				Blower brush
		SC entrance sensor		•				
		Sub tray conveyance roller		•				Isopropyl alcohol/cleaning pad
		Intermediate conveyance roller		•				
		Entrance conveyance roller		•				
		Cover paper conveyance roller		•				
3	Glue tank section	Glue tank		•		•*1		Tweezers, cleaning pad, Multemp FF-RM
4	Up/down forming section	Cover paper folding plate		•*2				Tweezers, cleaning pad
		Book spine backing plate		•*2				
		Book exit belt /Rr		•				Isopropyl alcohol/cleaning pad
		Book exit belt /Fr		•				
		Cover paper conveyance roller /Rt		•				
		Cover paper conveyance roller /Ft		•				
		Cover paper table entrance roller		•				
		Paper dust removing brush		•				Blower brush
		Cover paper alignment plate shaft				•*3		Plas guard No.2
5	Glue supply section	Pellet hopper		•				Blower brush
6	Book stock section	Book load limit sensor		•				
		Book upper limit LED		•				
		Booklet sensor /1, /2		•				
		Guide shaft /Rt, /Lt				•*4		Plas guard No.2
		Book conveyance belt /Rr		•				Isopropyl alcohol/cleaning pad
		Book conveyance belt /Fr		•				
		Book movement belt		•				
7	Cover paper tray section	Paper dust removing brush		•				Blower brush
		Paper dust removing roller		•				
		Conveyance roller		•				Isopropyl alcohol/cleaning pad
8	SC section	Switchback assist roller /Rr		•				
		Switchback assist roller /Fr		•				
		Sub scan alignment plate slide shaft				•		
9	Clamp section	Paper reference plate		•				
		Clamp pressure plate shaft	1			•*5		Plas guard No.2
10	Relay conveyance section	Relay conveyance roller /1, /2, /3, /4, /5		•				Isopropyl alcohol/cleaning pad
		Relay paper exit roller /1, /2		•				
		Relay conveyance entrance sensor		•				Blower brush

		Relay conveyance intermediate sensor		•				
		Relay conveyance exit sensor		•				
11	Book stock section	Book movement belt /2		•				Isopropyl alcohol/cleaning pad
12	Final check	Original through check			•			
		Cleaning of the cover		•				Isopropyl alcohol/cleaning pad

\*1 Lubricate to the glue apply roller motor drive connecting gear.

\*2 Cleaning of the cover paper folding plate and the book spine backing plate is an abbreviated cleaning. Remove adhered glue as necessary.

\*3 Lubricate to the cover paper alignment plate shaft.

\*4 Lubricate to the guide shafts /Rt and /Lt.

\*5 Lubricate to the clamp pressing board shaft.

### 1.13.2 Spotted replacement (Every 100,000 cuts)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Cutter section	Roller cutter blade assy A0756230##	1				•	

### 1.13.3 Spotted replacement (Every 3,000,000 operations)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Sub tray section	Sub tray paper exit solenoid (SD4) 15ANR714##	1				•	

### 1.13.4 Spotted replacement (Every 600,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	SC section	Switchback roller 13GQ4519##	1				•	

### 1.13.5 Spotted replacement (Every 120 hours)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Fan unit section	Pellet supply cooling fan (FM4) 27LA8051##	1				•	
2	Deodorant unit	Exhaust filter /A A15X3017##	1				•	

### 1.13.6 Spotted replacement (Every 240 hours)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Deodorant unit	Exhaust filter /B A15X3018##	1				•	

### 1.13.7 Spotted replacement (Every 2000 hours)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replacement	
1	Glue tank section	Glue tank assy A15XA36A## (100V) A15XA36E## (120V) A15XA36F## (240V)	1				•	

## 1.14 RU-506

### 1.14.1 Maintenance 1 (Every 600,000 prints)

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
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				Cleani ng	Check	Lubric ation	Repla ce	
1	Preparation	Original through check			•			
2	Conveyance section	Cleaning of each sensor		•				Blower brush
3	Final check	Original through check			•			
		Cleaning of the cover		•				Drum cleaner/cleaning pad

#### 1.14.2 Spotted replacement (Every 5,000,000 operations)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Conveyance section	Straight gate solenoid (SD1) A0GER709##	1				•	
		Straight gate spring 15AG4587##	1				•	
2	Stacker section	Stacker exit shutter solenoid (SD2) A0GER700##	1				•	
		Stack switching solenoid (SD3) A0GER701##	1				•	
		Stacker entrance guide plate solenoid (SD4) A0GER702##	1				•	

### 1.15 GP-501

#### 1.15.1 Maintenance 1 (Every 210,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Punch section	Die Set Pins			•	•		3-IN-ONE (WD-40Company) Actual lubrication count: 50,000 punches This maintenance to be done by user.

#### 1.15.2 Maintenance 2 (Every 750,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Punch section	Die Set Shoulder Bolts			•	•		Magnalube-G TeflonGreaseActual lubrication count: 200,000 punches This maintenance to be done by user.

#### 1.15.3 Maintenance 3 (Every 3,000,000 prints)

No.	Unit classification	Description	Quan tity	Implementation classification				Materials Tools used
				Cleani ng	Check	Lubric ation	Repla ce	
1	Preparation	Original through check GP removal, Front door open			•			
2	Bypass conveyance section	Paper Path, Bypass		•	•			Alcohol
3	Punch conveyance section	Latching Mechanisms aligner			•			Alcohol
4		Paper Path, Aligner panels		•	•			
5		Aligner Idler Rollers		•	•			
6		Roller energy drive		•	•			
7	Bypass/Punch conveyance section	Optical Sensors		•				Blower brush
8		Timing Belts		•	•			Alcohol
9		Idler Rollers		•	•			
10		Drive Rollers		•	•			
11	Punch section	Back Gauge mechanism		•	•			Blower brush/ vacuum cleaner

12		Die Guide		•				Vacuum cleaner
13		Paper Path, Punch		•	•			Alcohol
14	External section	Base		•				Vacuum cleaner
15		Door Closing Latch			•			
16	Post-process	Front door close, GP connected						
17	Final check	Original through check			•			
18		Cleaning of the cover		•				Isopropyl alcohol/cleaning pad

**1.15.4 Maintenance 4 (Every 12,000,000 prints)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Punch conveyance section	Aligner Idler Roller Assembly		•				Alcohol
2		Belt Aligner (Green)	1	•				
3	Punch section	Punch drive cams	1			•		Magnalube-G Teflon Grease Actual lubrication count: 3,000,000 punches

**1.15.5 Spotted replacement (Every 500,000 punches)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Punch section	Die Set	1		•		•	Replacement is recommended if hanging chips are usually generated.

**1.15.6 Spotted replacement part (Every 4,000,000 cycle)**

No.	Unit classification	Description	Quantity	Implementation classification				Materials Tools used
				Cleaning	Check	Lubrication	Replace	
1	Punch section	Back Gauge Mechanism A0N9PP59##	1				•	Actual replacement count: 4,000,000 punches