



LASERBEAM PRINTER

F-3000



PARTS CATALOGUE

18-11-1998

F-3000 Parts Catalogue

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Introduction

The figures which follow depict the major assemblies of the printer or option, broken down into components. Following each figure are the list giving the following information:

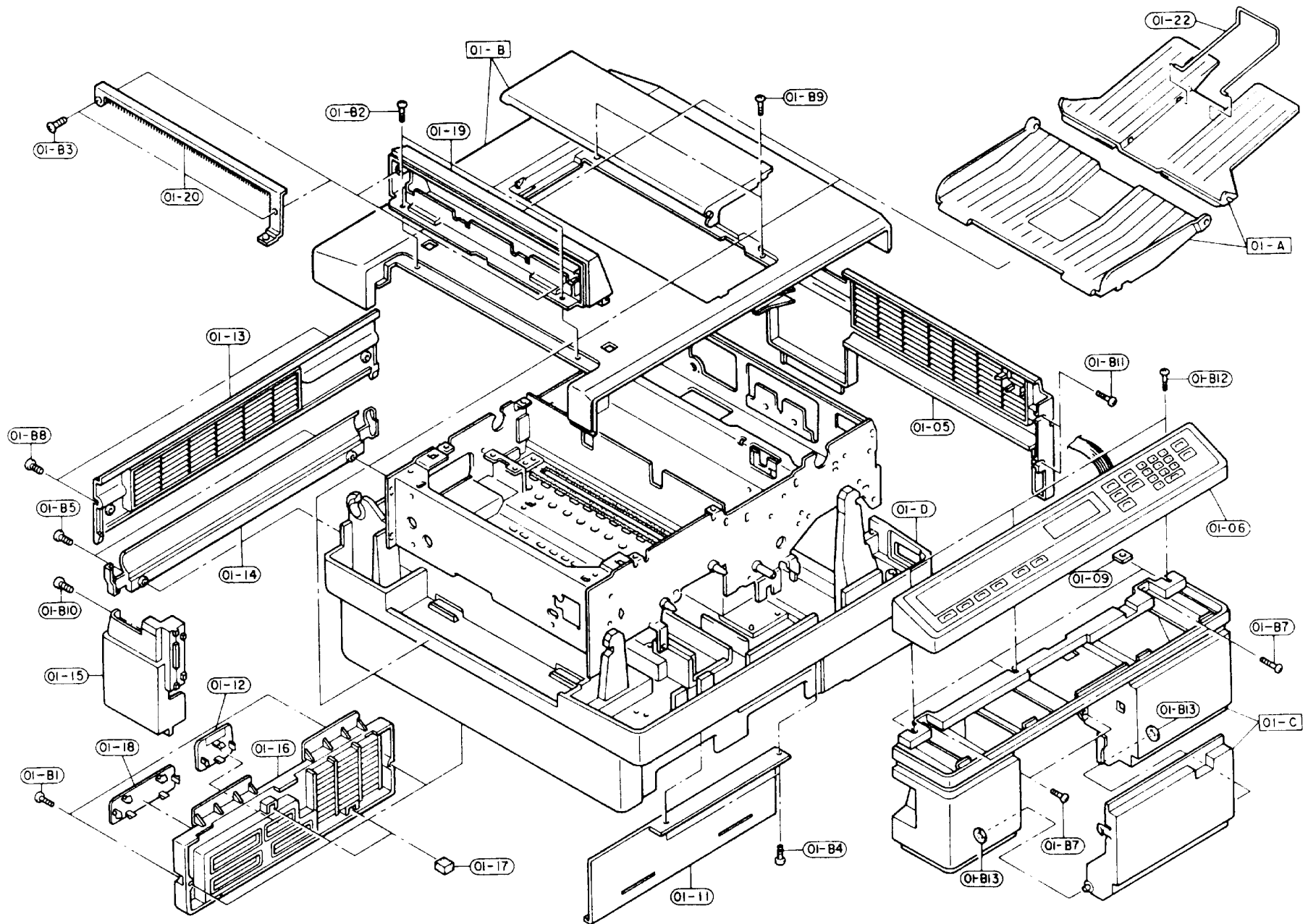
'Ref No.' Reference number which corresponds to the parts in the figure
'Part code'..... Part code which identifies the part
'Part description' A brief description of the part
'Quantity'..... Quantity of the part used in the printer or option

Only the parts highlighted in **BOLD** should be ordered. All other parts are for reference only and are not stocked.

Consumables and Maintenance Kits

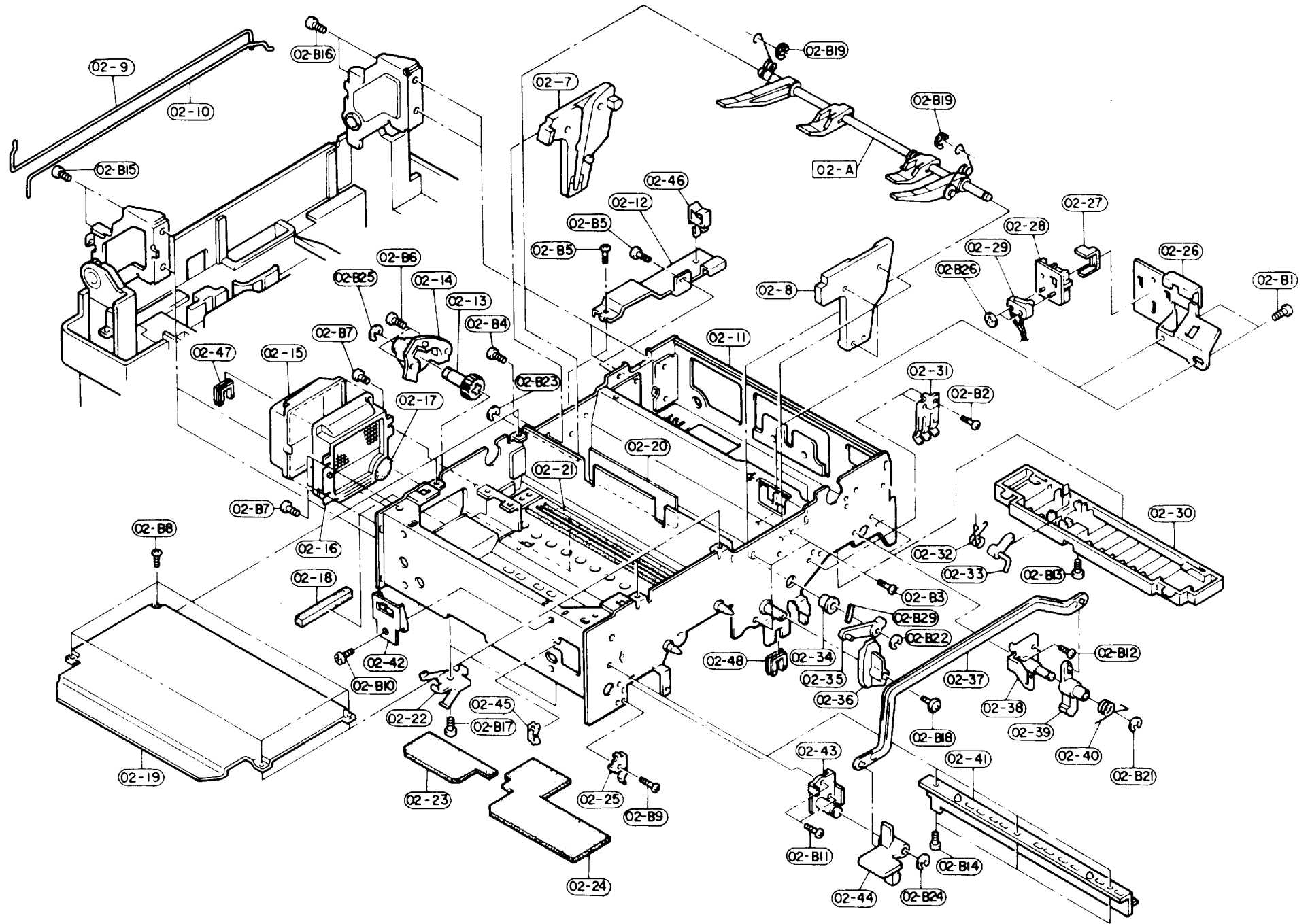
TK-2	Toner Kit
DK-2	Drum (10K pages)
DV-3	Developer (50K pages)
FK-2	Fuser (80K pages)

Fig.1 – Covers



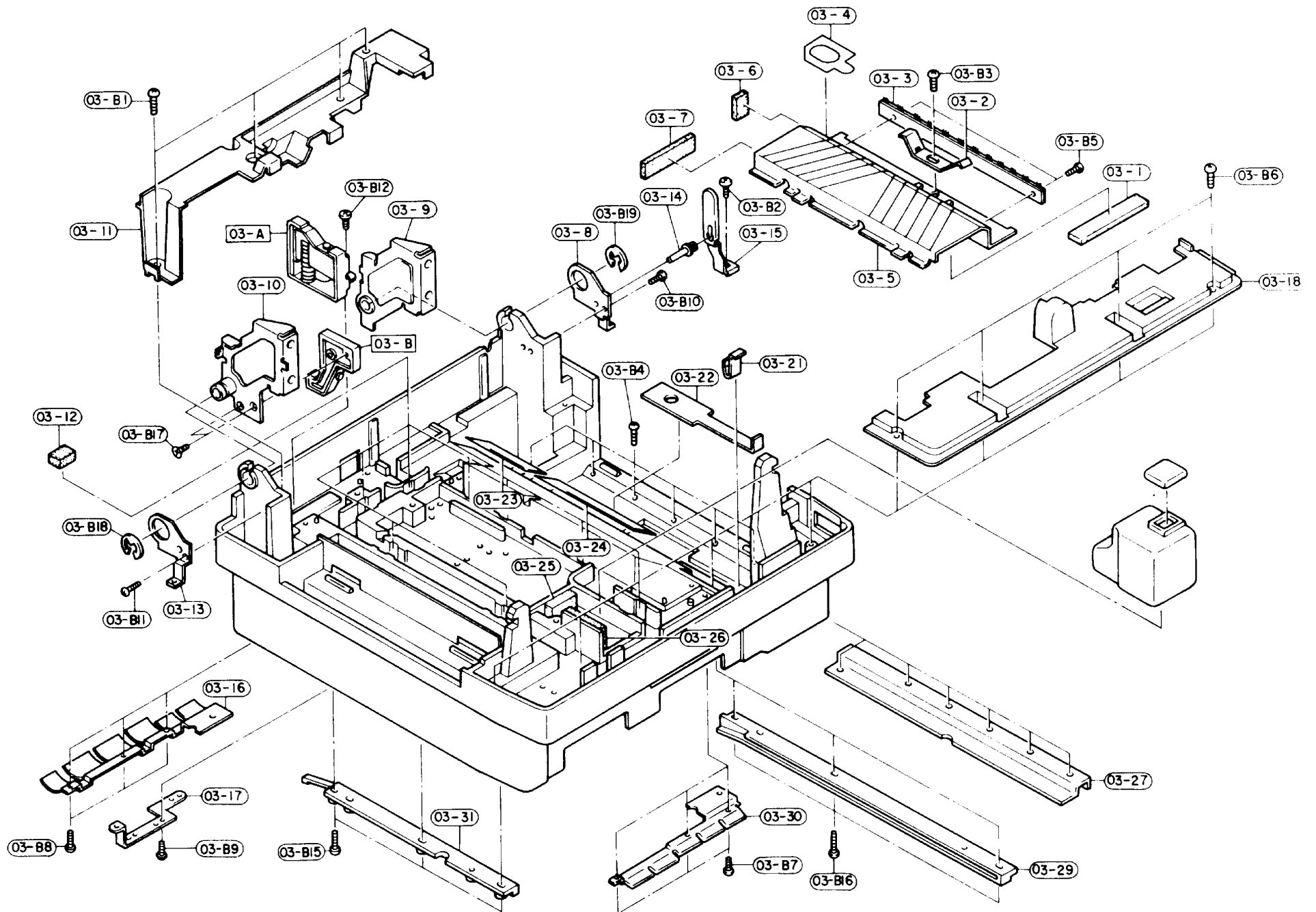
Ref No.	Part Code	Description	Quantity
01-00A	5AAMW1****09	Tray Assy	2
01-00B	5AAVCOVER121	Top Cover Assy	1
01-00C	5AAVCOVER123	Front Cover Assy	1
01-00D	5AAVBASE*006	Base Assy	1
01-005	5MVX875SW003	Right Cover	1
01-006	5AAYF2010*23	Keyboard Assy	1
01-009		Lock Nut	3
01-011	5MVX864SH001	Controller Panel F	1
01-012	5MVX531SH001	Panel Cover	1
01-013	5MVX962SW002	Rear Cover	1
01-014	5MVX942SW001	Blind Cover	1
01-015	5MVB762SW012	Left Cover	1
01-016	5MVB873SH011	Controller Panel R	1
01-017	5MVB222RB001	Cord Press	2
01-018	5MVX631SH001	Option Cover	1
01-019	5MVX866SW003	FD Sub Cover	1
01-020	5MMX863SX001	FD ES Eliminator	1
01-022	5MMW904LJ002	Paper Stopper	2
	5MVB873SH012	DLP COVER	1

Fig.2 – Upper Frame



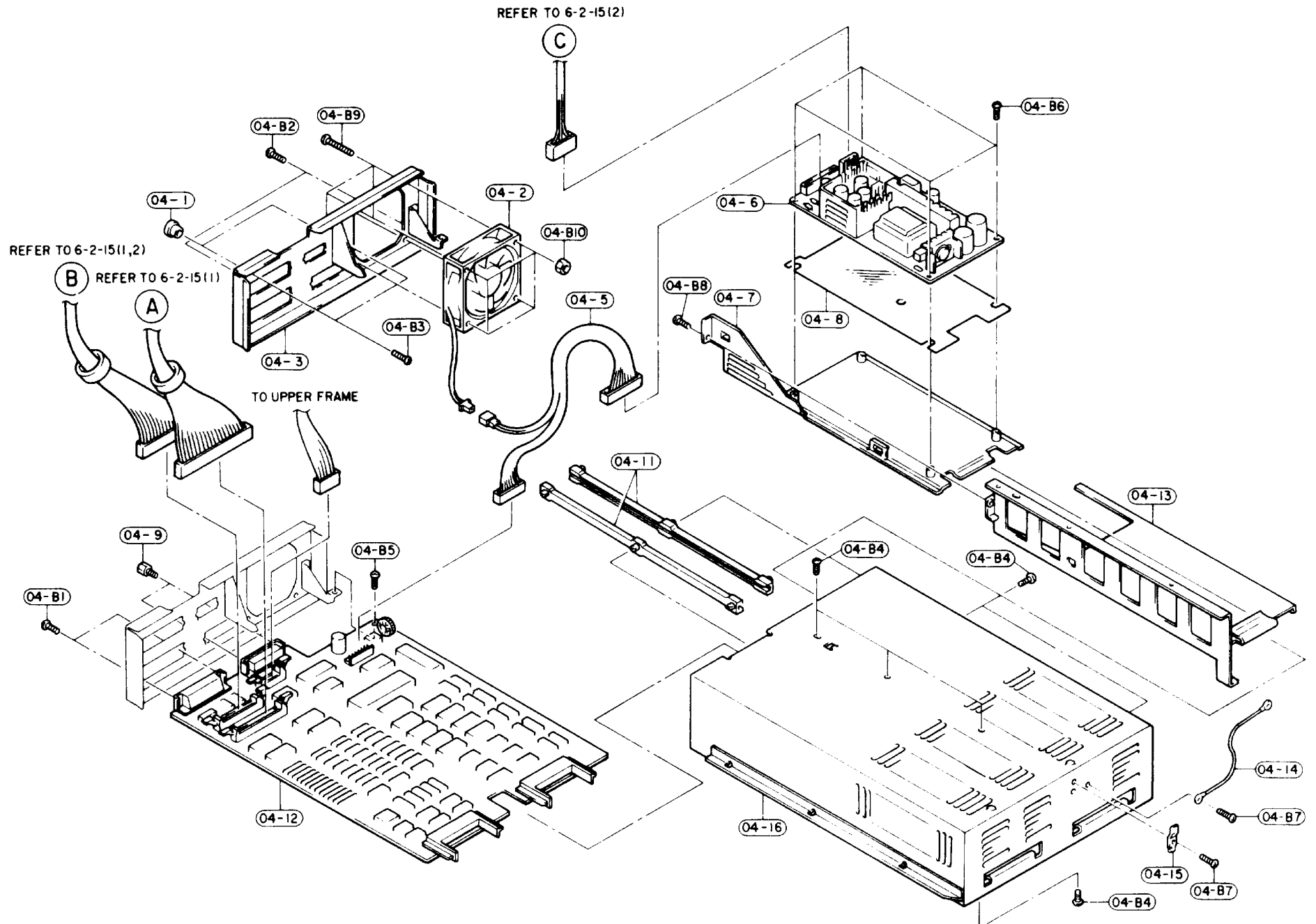
Ref No.	Part Code	Description	Quantity
02-00A	5AAVLEVER010	DLP Lever Assy	1
02-007	5MVX662SB011	DLP Guide R	1
02-008	5MVX662SB012	DLP Guide F	1
02-009	5MMW905SM001	Torsion Bar A	1
02-010	5MMW905SM002	Torsion Bar B	1
02-011	5AAVFRAME048	Frame Assy	1
02-012	5MMX744SL001	Wire Support	1
02-013	5MVG138DB002	Drum Gear Z30	1
02-014	5MVX665CB01%	Drum Bearing	1
02-015	5MVB773SB002	Nozzle B	1
02-016	5AAYW3****01	Filter Assy	1
02-017	5MVS229RB008	Nozzle Seal	1
02-018	5MVS619RB001	Wind Seal	1
02-019	5MMS876SL003	Top Cover Plate	1
02-020	5MVS732KN001	Toner Shutter	1
02-021	5MVS838RB002	Scanner Pad	1
02-022	5MMX433LJ002	Cleaner Pressure	2
02-023	5MVS648RB003	Fuser Upper Pad B	1
02-024	5MVS768RB003	Fuser Upper Pad A	1
02-025	5MMX474RJ001	Earth Plate C	1
02-026	5MMX653SL006	Connector Bkt	1
02-027	5MVU122DB002	Inter LOck SW Lever	1
02-028	5MVX443DB001	Inter Lock SW Bkt B	1
02-029	5AAXSW020GEA	Hopper SW Assy	1
02-030	5MVB862SB001	M Feed Upper Guide	1
02-031	5MMP153CJ001	Frame Earth F	1
02-032	5MMW161LJ008	Sensor Spring A	1
02-033	5MVX442SB003	M Feed Sens Actuator	1
02-034	5MVM177DJ001	Drum Brushing R	1
02-035	5MVX622DB001	DLP Cam Lever B	1
02-036	5MVX643CX001	DLP Cam Lever	1
02-037	5MVX861SL003	Hinge Arm	1
02-038	5MML144SL001	Hook Plate B	1
02-039	5MVX632DN001	Hinge Hook B	1
02-040	5MMW172LJ003	Hinge Spring	1
02-041	5AAMF3000*02	Unit Rail C Assy	1
02-042	5MMU541SL001	Sorter Connector Bkt	1
02-043	5MMX433SL002	Hook Plate A	1
02-044	5MVX654DN001	Hinge Hook A	1
02-045	5MVK121NN001	Edging Saddle	1
02-046	5MVX331NN002	Wire Saddle	1
02-047	5MVX221DN005	Frame Guide R	1
02-048	5MVX221DB006	Frame Guide F	1

Fig.3 – Lower Frame



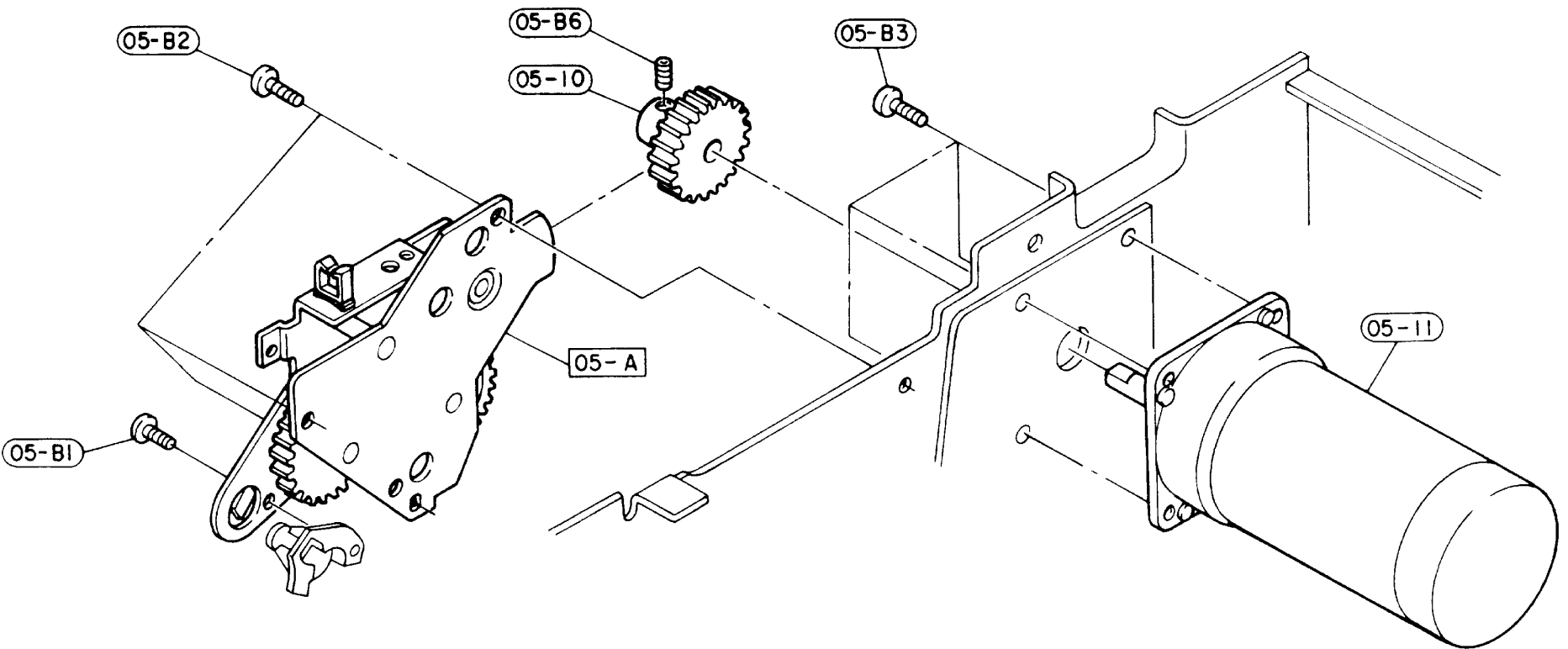
Ref No.	Part Code	Description	Quantity
03-00A	5AAYF3000*01	Lock Plate Assy	1
03-00B	5AAYF3000*02	Pressure Arm Assy	1
03-001	5MVS618RB005	Seal A	1
03-002	5MMX641LJ001	TC UP Spring	1
03-003	5MMX852AJ002	TC Discharger	1
03-004	5MVS533KN001	Blind Sheet	1
03-005	5MMU863SX001	Paper Guide Plate	1
03-006	5MVS218RB005	Seal D	1
03-007	5MVS618RB003	Seal C	1
03-008	5MMX662SL003	Base Hinge Plate R	1
03-009	5MMX764SL002	Frame Arm R	1
03-010	5MMX764SL004	Frame Arm L	1
03-011	5MVX865SB002	Inner Cover R	1
03-012	5MVB222RB001	Cord Press	8
03-013	5MMX622SL001	Base Hinge Plate L	1
03-014	5MMT264LJ006	Bar Stopper	1
03-015	5MML622LJ001	Bar Stopper Spring	1
03-016	5MMX762CJ001	Controller Earth B	1
03-017	5MMZ173SL001	Earth Plate	1
03-018	5MVX964SB002	Inner Cover F	1
03-021	5MMX222RJ001	Sensor Earth Plate	1
03-022	5MMS746SB001	Sensor Plate	1
03-023	5MVS622KF001	Guide Sheet R	1
03-024	5MVS722KF001	Guide Sheet F	1
03-025	5MVS428RH002	Tank Pad A	1
03-026	5MVS439RH002	Tank Pad B	1
03-027	5MMC832SL001	Base Support	1
03-029	5MVX832DB001	Controller Guide B	1
03-030	5MMX752CJ001	Controller Earth A	1
03-031	5MVX822DB001	Controller Guide A	1

Fig.4 – Unit Bottom



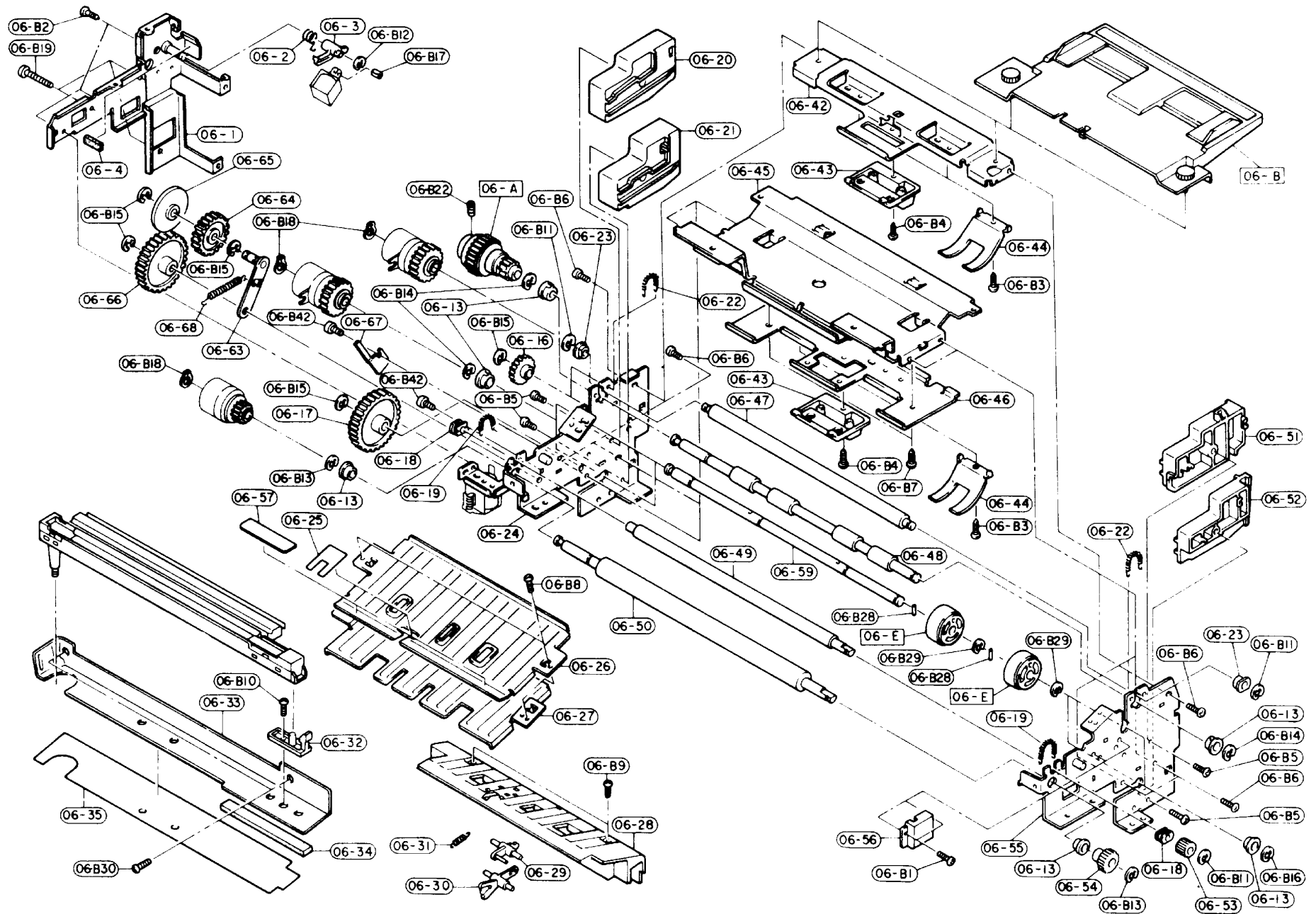
Ref No.	Part Code	Description	Quantity
04-001	5MVN273SB002	Knob	2
04-002	5EZNF2402501*01	Fan Motor B	1
04-003	5AAVCOVER102	Cont.Box R Cov Assy	1
04-005	5AACCNDE8GEA	Conn Cord Assy CA3	1
04-006	5AAEZF1000*4	DC Power Supply 240V	1
04-007	5MML876SL002	P/S Support KC	1
04-008	5MVS872KF001	Sheet MT	1
04-009	5MMT263SN001	Socket Main Logic	4
04-011	5MVC811CL001	PCB Guide Rail	2
04-012	5AAPRCZG4004CH	P.W.B KP-017 1332.40	1
04-013	5MMX876SL007	Cont Middle Plate KC	1
04-014	5AACCNBZ2GEA	Conn Cord Assy CA9	1
04-015	5MMX421SL002	Cont Box Stopper KC	1
04-016	5AAVFRAMEE044	Cont Boc Assy KC	1

Fig.5 – Drive Mechanism



Ref No.	Part Code	Description	Quantity
05-00A	5AAYF3000*09	Drive Unit	1
05-010	5MMG138SX005	Motor Gear Z30	1
05-011	5EZNS200R701*01	DC Motor Gear Assy	1

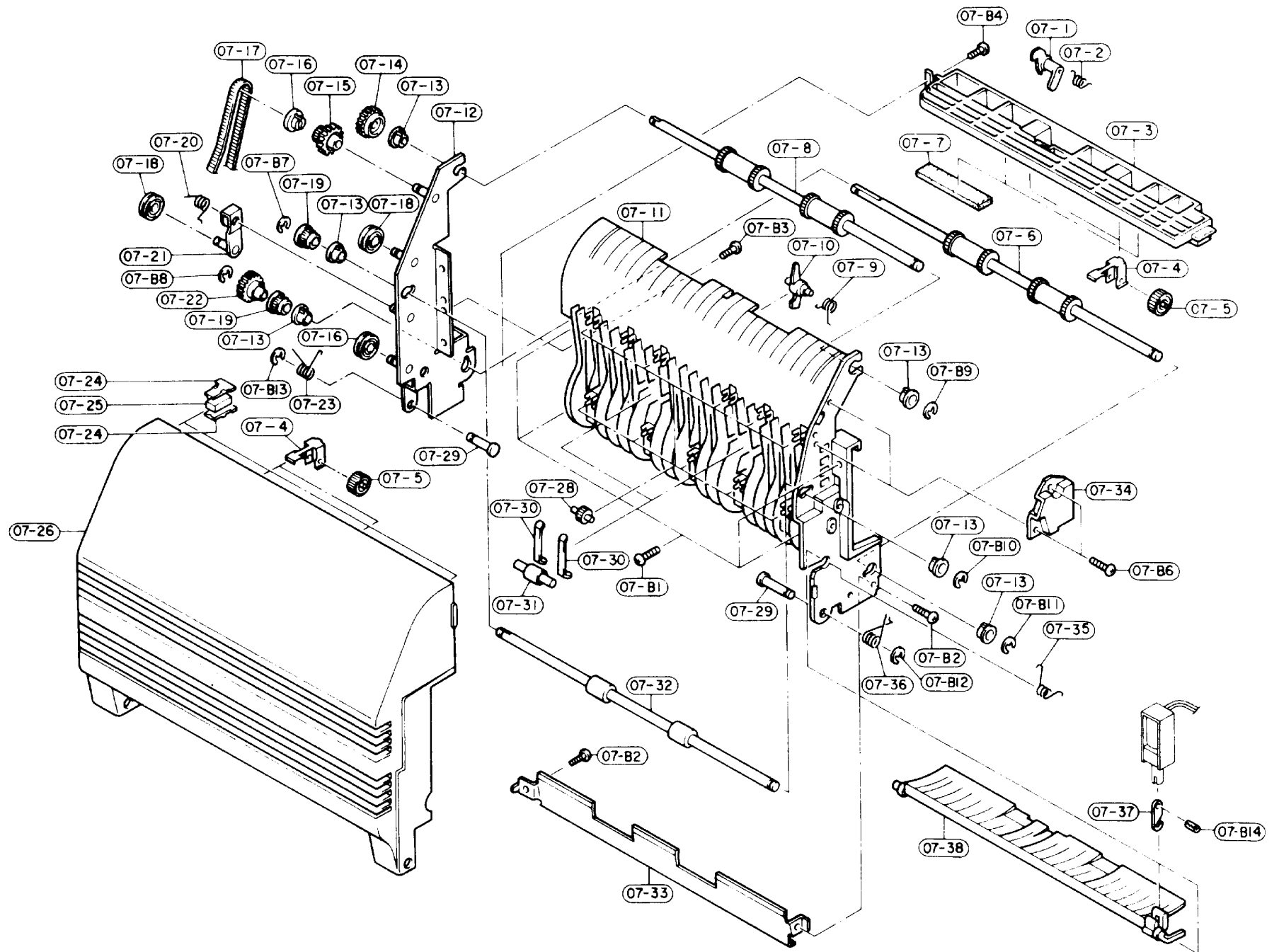
Fig.6 – Paper-feed Assembly



Ref No.	Part Code	Description	Quantity
06-000	5AAYF3000*37	Paper-Feed Assy	
06-00A	5AAVCLTCH005	Manual Feed Clutch	
06-00B	5AAMF2010*01	MF Plate Assy	
06-00E	5AAVROLL*008	Feed Tyre Assy	
06-001		Feed Clutch Bkt	
06-002		M Feed CL Cam Spring	
06-003	5MMVX432DW001	M Feed CL Cam Lev B	
06-004		Solenoid Pad	
06-013	5MMM176CJ003	Metal Bush KD	
06-016	5MVG136DN011	Feed Unit Gear Z28	
06-017	5MVG169DB001	Feed Unit Gear Z65	
06-018	5MMM121XJ001	Regist Roller Bush	
06-019	5MMW345LJ002	Regist Spring A	
06-020		Cassette Guide UR	
06-021		Cassette Guide LR	
06-022	5MMW341LJ001	M Feed Spring	
06-023		MF Bush	
06-024		Feed Unit Frame R	
06-025		Guide Sheet PS	
06-026		M Feed Paper Chute A	
06-027		M Feed Paper Chute B	
06-028		Paper Guide	
06-029	5MVX331DB003	Actuator B	
06-030	5MVX532DB002	Actuator A	
06-031	5MMW163LJ002	Sensor Spring	
06-032	5MVX532DD002	TC Guide	
06-033		TC Supporter	
06-034		Seal B	
06-035		Cover Sheet	
06-042		Feed Unit Stay A	
06-043		Sensor Cover	
06-044		Paper Holder	
06-045		Feed Unit Stay B	
06-046		Sensor Plate A	
06-047	5MMT876SN009	M Feed Roller B	
06-048	5MMT876SN008	M Feed Roller A	
06-049	5MMT866SN003	Regist Roller A	
06-050	5MMT876SN018	Regist Roller B	
06-051		Cassette Guide UF	
06-052		Cassette Guide LF	
06-053	5MVG127DN017	Regist Gear Z20	
06-054	5MVG147DN001	Regist Gear Z32	
06-055	5MMX875SL001	Feed Unit Frame F	

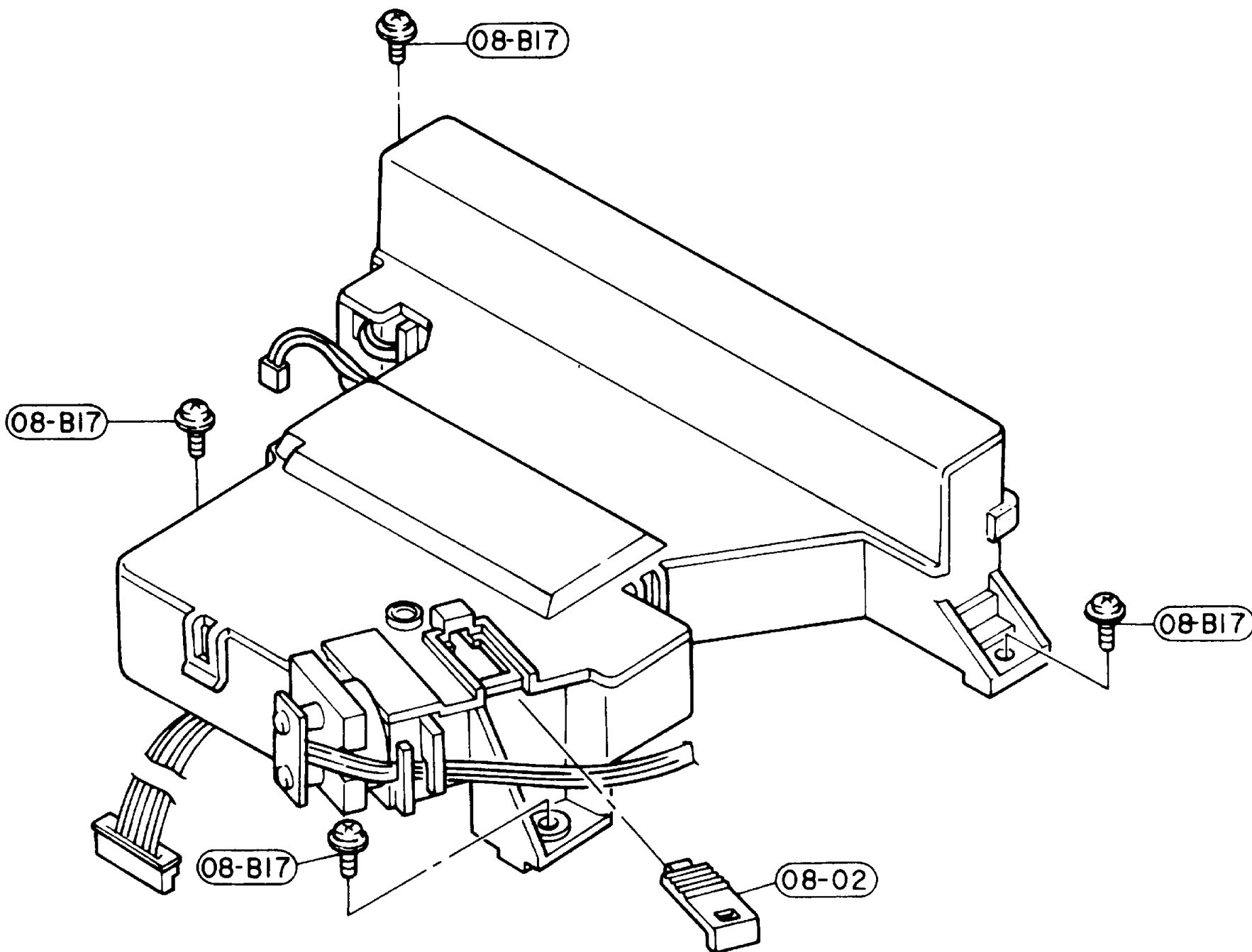
Ref No.	Part Code	Description	Quantity
06-056	5MVX532SB002	Main SW Bkt	
06-057	5MVS521KC001	Paper Chute Guide	
06-059		Feed Roll Shaft	
06-063		Joint Gear Plate	
06-064	5MVG148DN008	Gear Z36	
06-065	5MVM197DN001	Collar 40	
06-066	5MVG169DN003	Feed Gear Z65	
06-067		Joint Support	
06-068	5MMW241LJ009	Regist Spring	

Fig. 7 – Face-down Unit



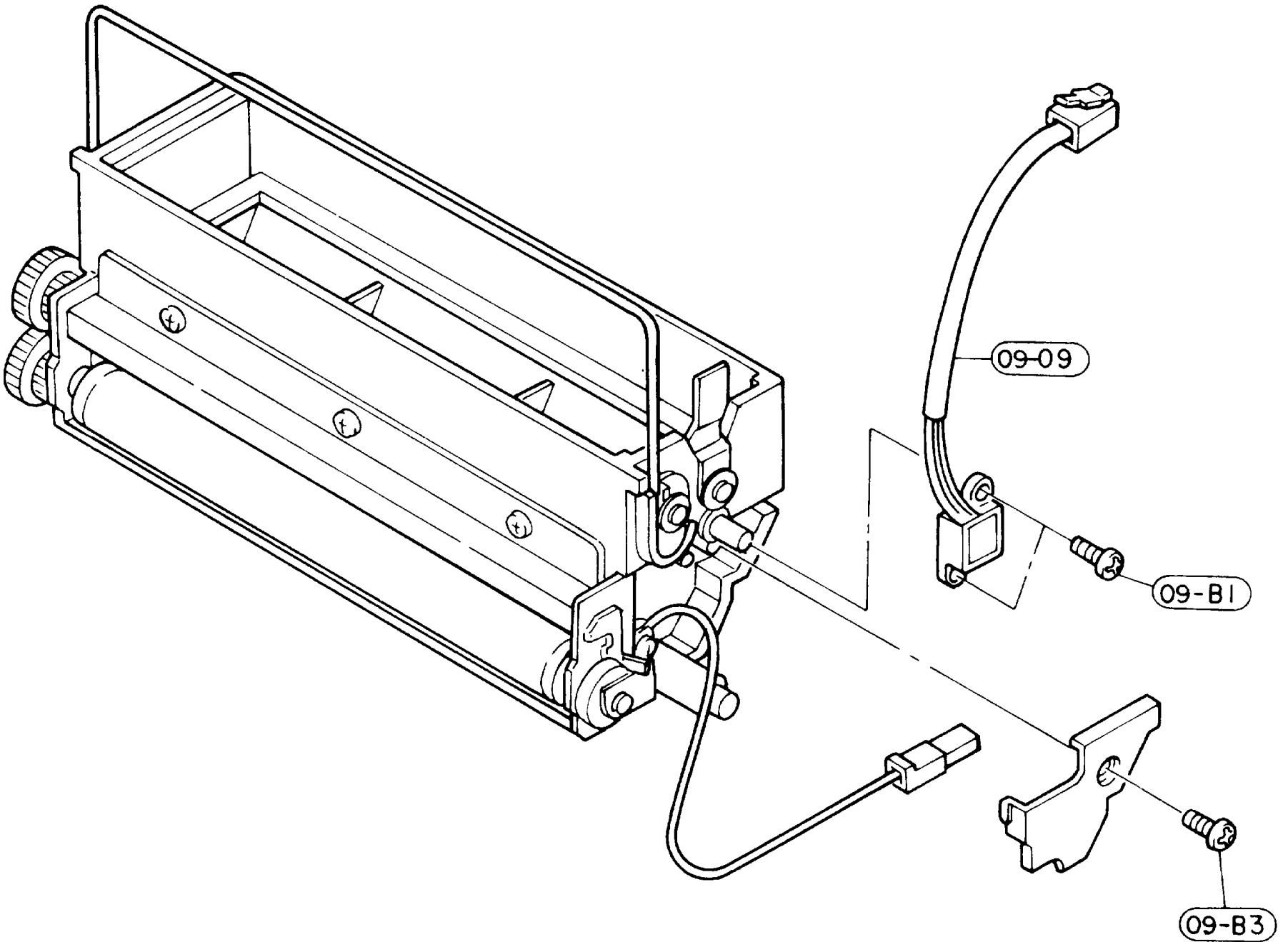
Ref No.	Part Code	Description	Quantity
07-000	5AAYF3000*41	Face-Down Unit	1
07-001	5MVX422DB002	Jam Actuator	1
07-002		FU Actuator Spring	1
07-003	5MVX852CB001	FD Paper Guide	1
07-004	5MMX321LJ005	Exit Pulley Bracket	4
07-005	5MVM123DB001	FD Feed Pulley	4
07-006	5MMT876SN016	FD Enter Roller	1
07-007		Seal C	2
07-008	5MMT876SN015	FD Exit Roller	1
07-009	5MMW163LJ001	FD Actuator SP	1
07-010	5MVX422DB003	FD Jam Actuator	1
07-011		FD Guide	1
07-012		Side Plate	1
07-013	5MVM176DN009	Bearing	6
07-014	5MVG127DB002	FD Exit Gear	1
07-015	5MVG022DB001	Belt Pulley Gear	1
07-016		Pulley Flange	1
07-017	5MVX917RB001	FD Belt	1
07-018	5MVM177DB004	Belt Idle Pulley	3
07-019	5MVG327DB001	Belt Pulley	2
07-020		Idle Spring	1
07-021		Idle Bracket	1
07-022	5MVG127DB001	FD Joint Gear Z20	1
07-023		FD Spring R	1
07-024		FD Magnet Plate	4
07-025		FD Magnet	2
07-026		FD Cover	1
07-028	5MVM174DB001	FD Exit Pulley	11
07-029		FD Pin	2
07-030	5MMU131LX001	FD Presser	4
07-031	5MVM474DB001	FD Pulley B	2
07-032	5MMT876SN017	FD Middle Roller	1
07-033		FD Outlet Cover Assy	1
07-034		FD Switch Cover	1
07-035		Solenoid Spring	1
07-036		FD Spring F	1
07-037	5MVX211DB002	Link Plate	1
07-038		Change Plate	1

Fig.8 – Laser Scanner Unit



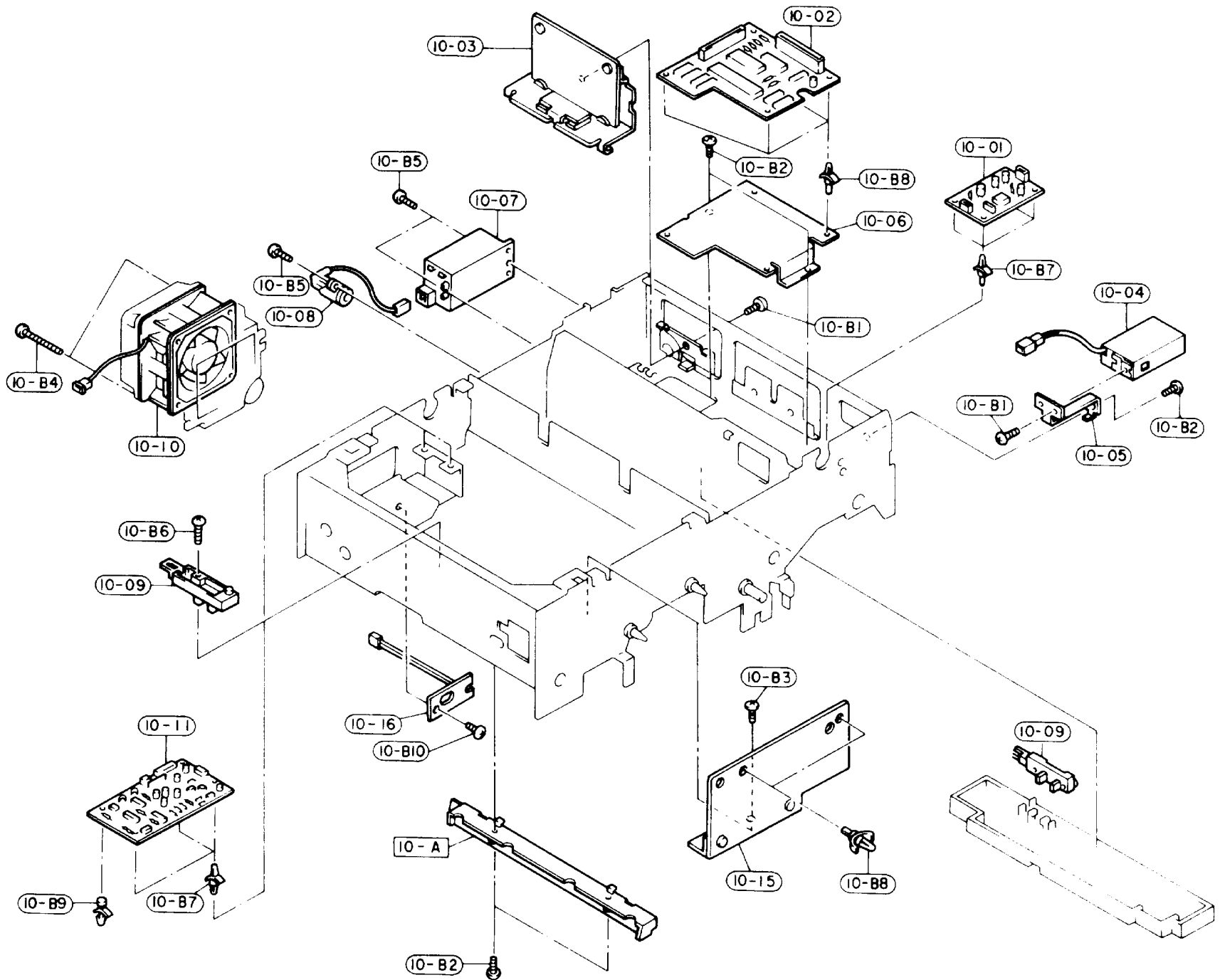
Ref No.	Part Code	Description	Quantity
08-000	5AAYF3000*11	Scanner Unit 240V	1
08-002	5MVS422SB001	Scanner Cover Lid	1

Fig.9 – Developer



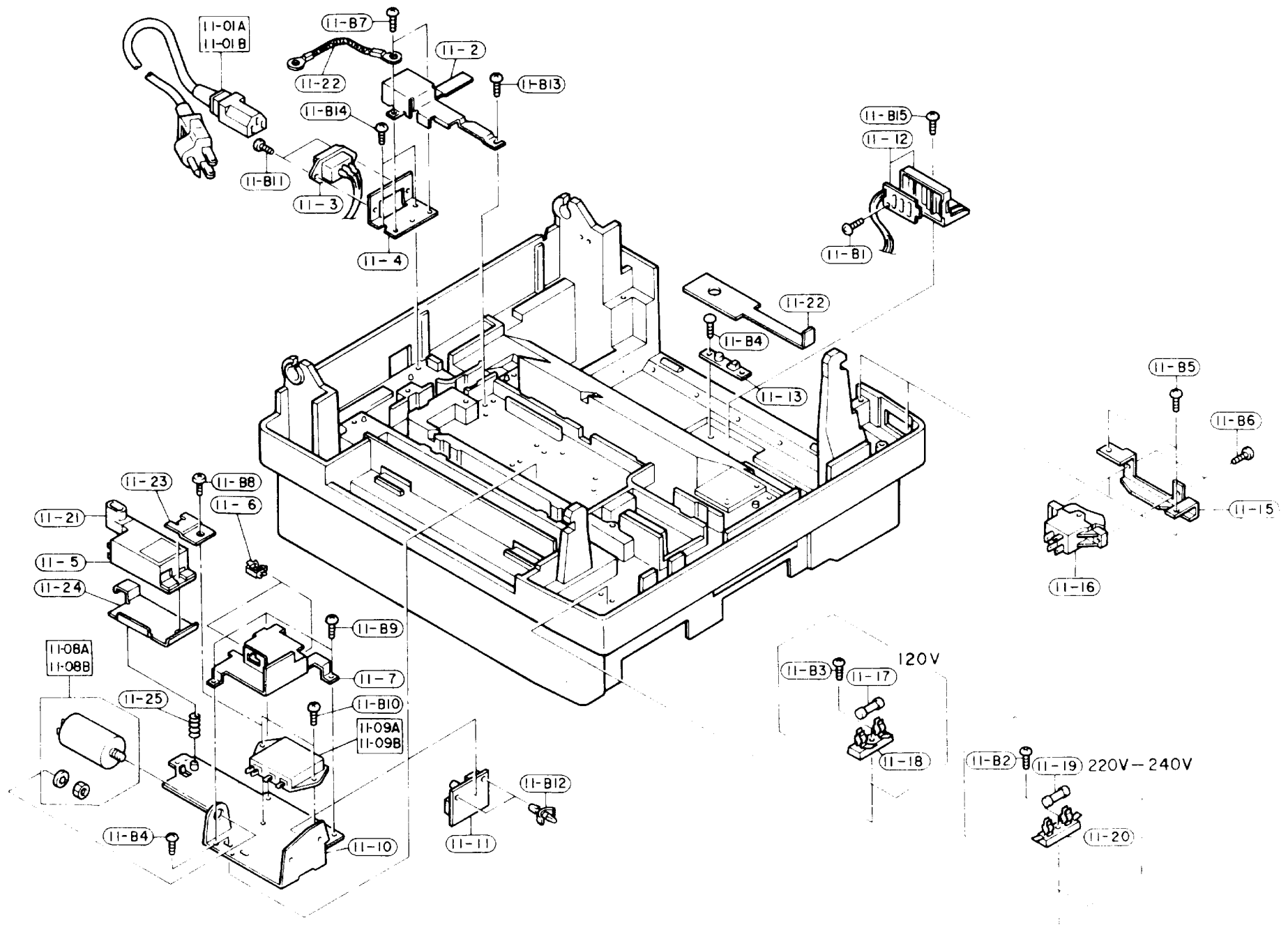
Ref No.	Part Code	Description	Quantity
09-000	DV-3	Developer Unit	1
09-009	5AAXTS003GEA	Toner Sensor Assy	1

Fig.10 – Upper-Half (Electrical)



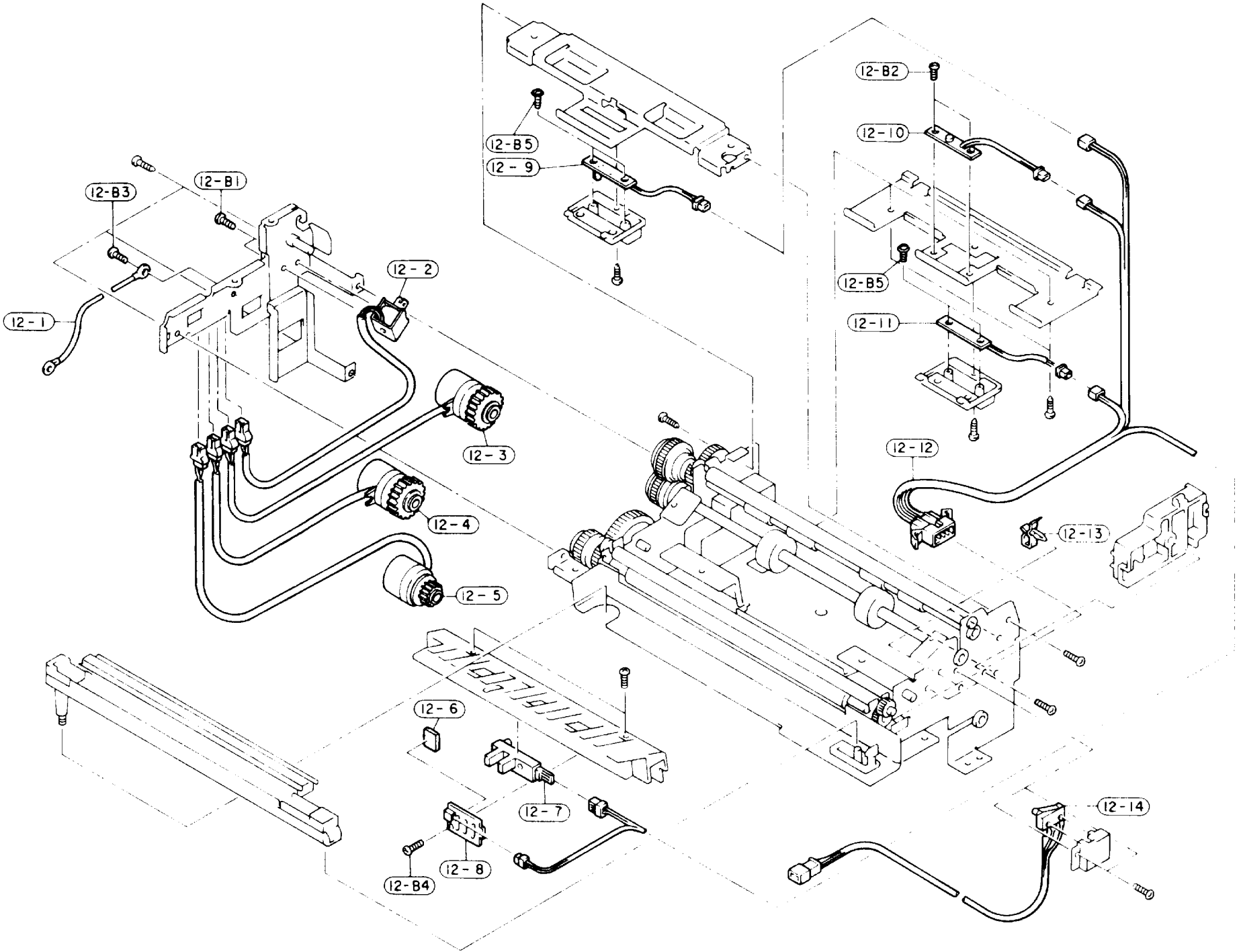
Ref No.	Part Code	Description	Quantity
10-00A	5AAYF3000*29	Eraser Assy	1
10-001	5ETNB60101***01	Developer Bias PWB	1
10-002	5AAPRCZG2003BH	Panel Cont.Board	1
10-003	5APRZZ003BA	Motor Control PWB	1
10-004		Total Counter	1
10-005		Counter Bkt KC	1
10-006		Panel Board Bkt	1
10-007	5ETNB66202***01	Main Hv Unit	1
10-008	5MVX543XN001	MCH Connect	1
10-009	5ENXGP1A05HR*01	Sensor GP1A05HR	2
10-010	5EZNF2403001*01	Fan Motor A	1
10-011	5AAPRAPC1004*01	APC PWB	1
10-015	5APRZZC1005AH	Polygon Driver PWB	1
10-016	5APRZZ005AA	PWB Assy Life Count	1

Fig.11 – Lower-Half (Electrical)



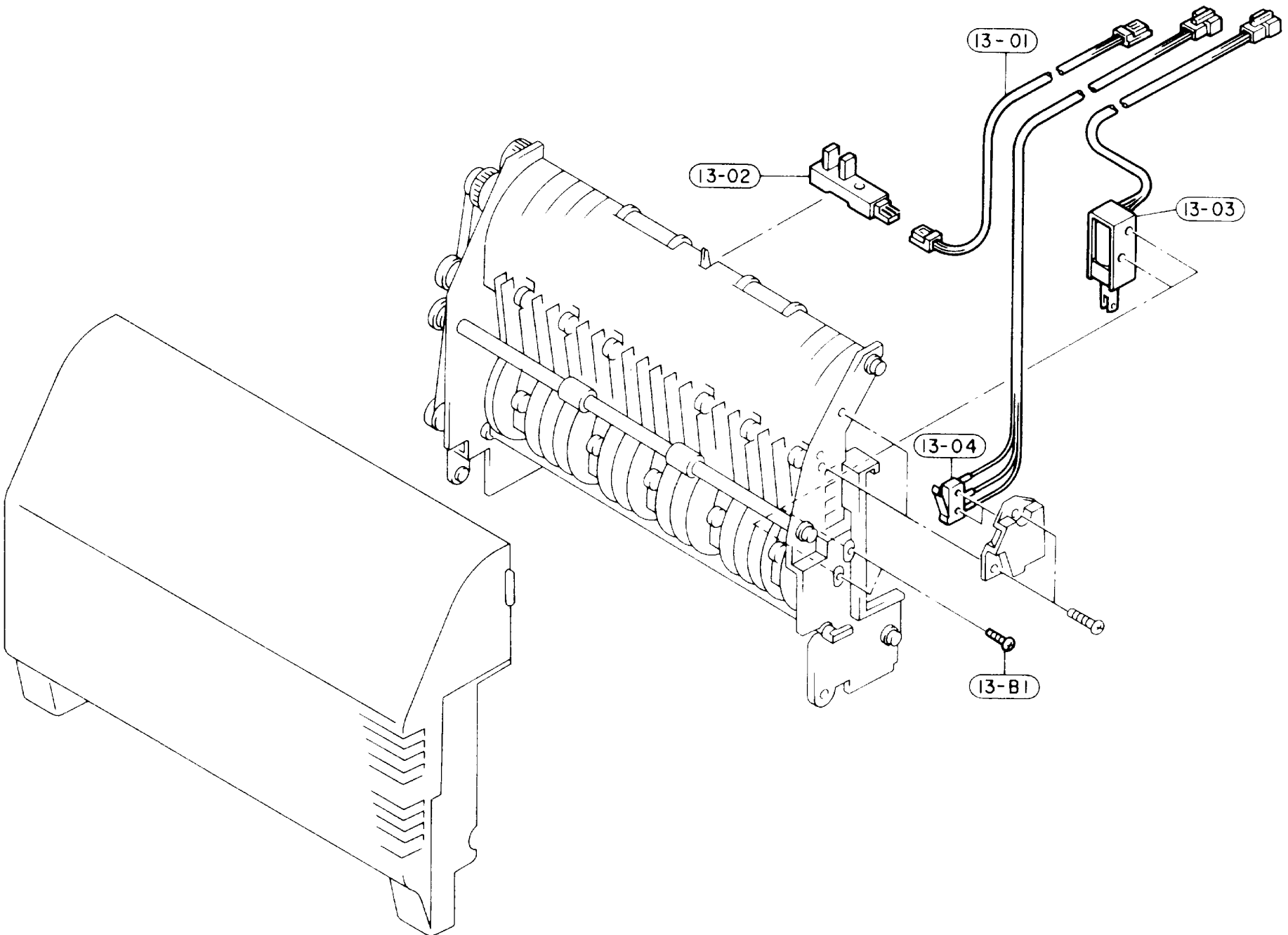
Ref No.	Part Code	Description	Quantity
11-001	5AACAC278EEA	POWER CORD ASSY 250V 6A	1
11-002		INLET COVER	1
11-003	5AACCNDE7GEA	INLET ASSY CCA4001	1
11-004		INLET BRACKET	1
11-005	5ETNB66201***01	TRANSFER HV UNIT HVC-3MC60	1
11-006		EDGING SADDLE EDS-1	2
11-007		CORD PART PLATE	1
11-008	5EFNZSB22100501	NOISE FILTER 250V 15A(EUROPE)	1
11-009	5EZRIG012301*01	SOLID STATE RELAY 220V-240V	1
11-010		ELEC.PLATE	1
11-011	5AAPRHCG2004AH	HEAT CONTROL PWB	1
11-012	5AAXAP002GEA	CASSETTE SENSOR ASSY	1
11-013	5AAPRSS005FA	PEP BOARD ASSY B PHOTOTRANSISTOR	1
11-015		SW BRACKET	1
11-016	5ESC020103***01	MAIN SWITCH J-U1054	1
11-017		LINE FUSE 125V IOA	1
11-018		FUSE BLOCK 120V	1
11-019	5EYFBQ50205**01	LINE FUSE 250V 5A	1
11-020	5EYHF102004**01	FUSE BLOCK 220V-240V	1
11-021	5MVX332XHOO1	TC RECEPTACLE	1
11-022		HARNESS	1
11-023		HVC PLATE	1
11-024		HVC HOLDER	1
11-025		HVC SPRING	1

Fig.12 – Paper-Feed (Electrical)



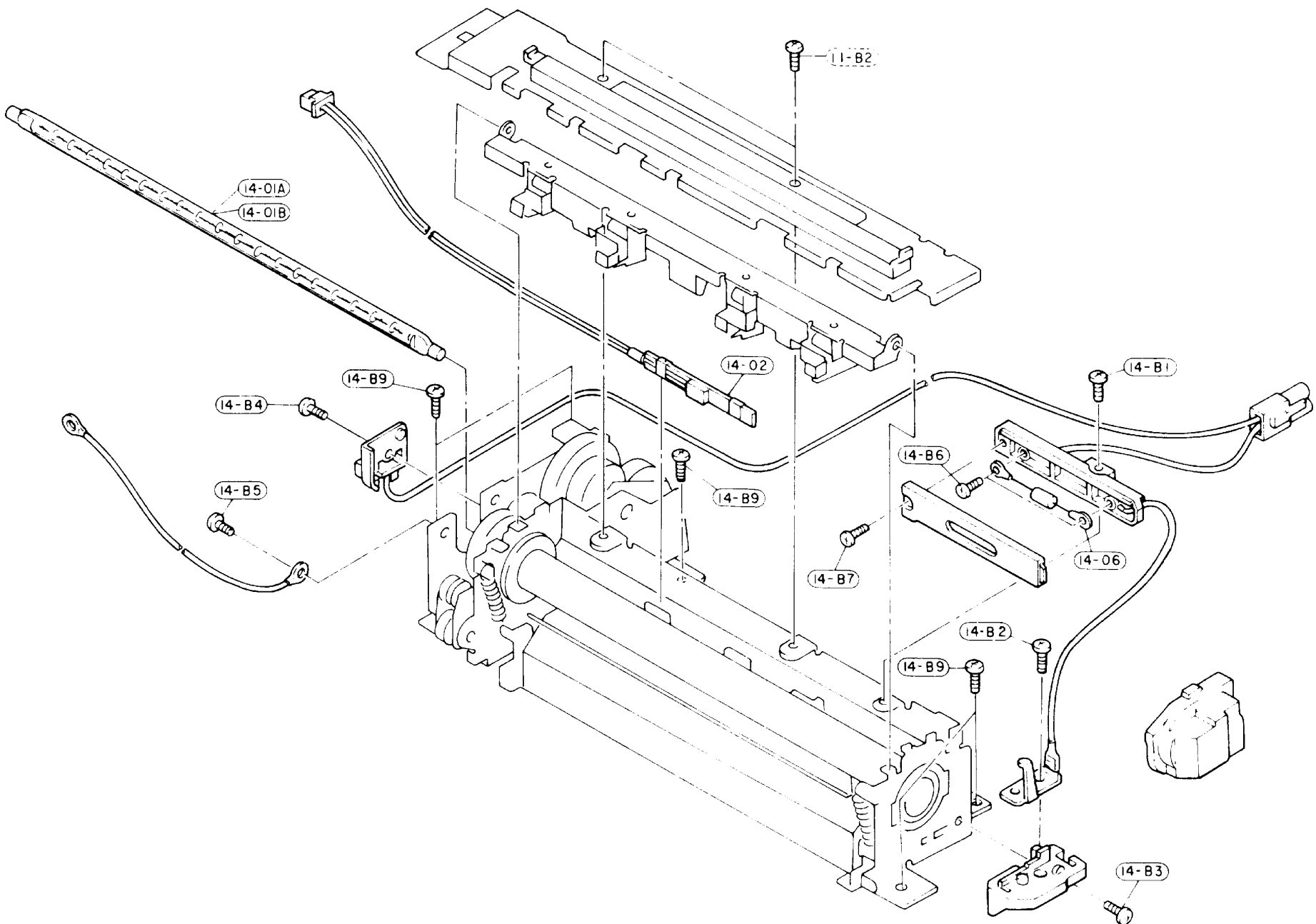
Ref No.	Part Code	Description	Quantity
12-001		Cable Assy PCA2032	1
12-002	5EZSA2403010305	Solenoid A-3	1
12-003	5EYYAFAAE03**01	Micro Clutch	1
12-004	5EYYAFAAE02**01	Micro Clutch	1
12-005	5EYYAFAAE01**01	Micro Clutch	1
12-006		Solenoid Pad	1
12-007	5ENXGP1A05HR*01	Sensor GP1A05HR	1
12-008	5AAXAP002GEA	Cassette Sensor Assy	1
12-009	5APRSS005HA	PEP PWB Assy H LED	1
12-010	5APRSS005EA	PEP Board Assy E	1
12-011	5APRSS005DA	PEP Board Assy D	1
12-012		Cable Assy CCA5022	1
12-013		Mini Clamp	1
12-014	5AAXSW018GEA	Inter Lock SW Assy	1

Fig.13 – Face-Down Unit (Electrical)



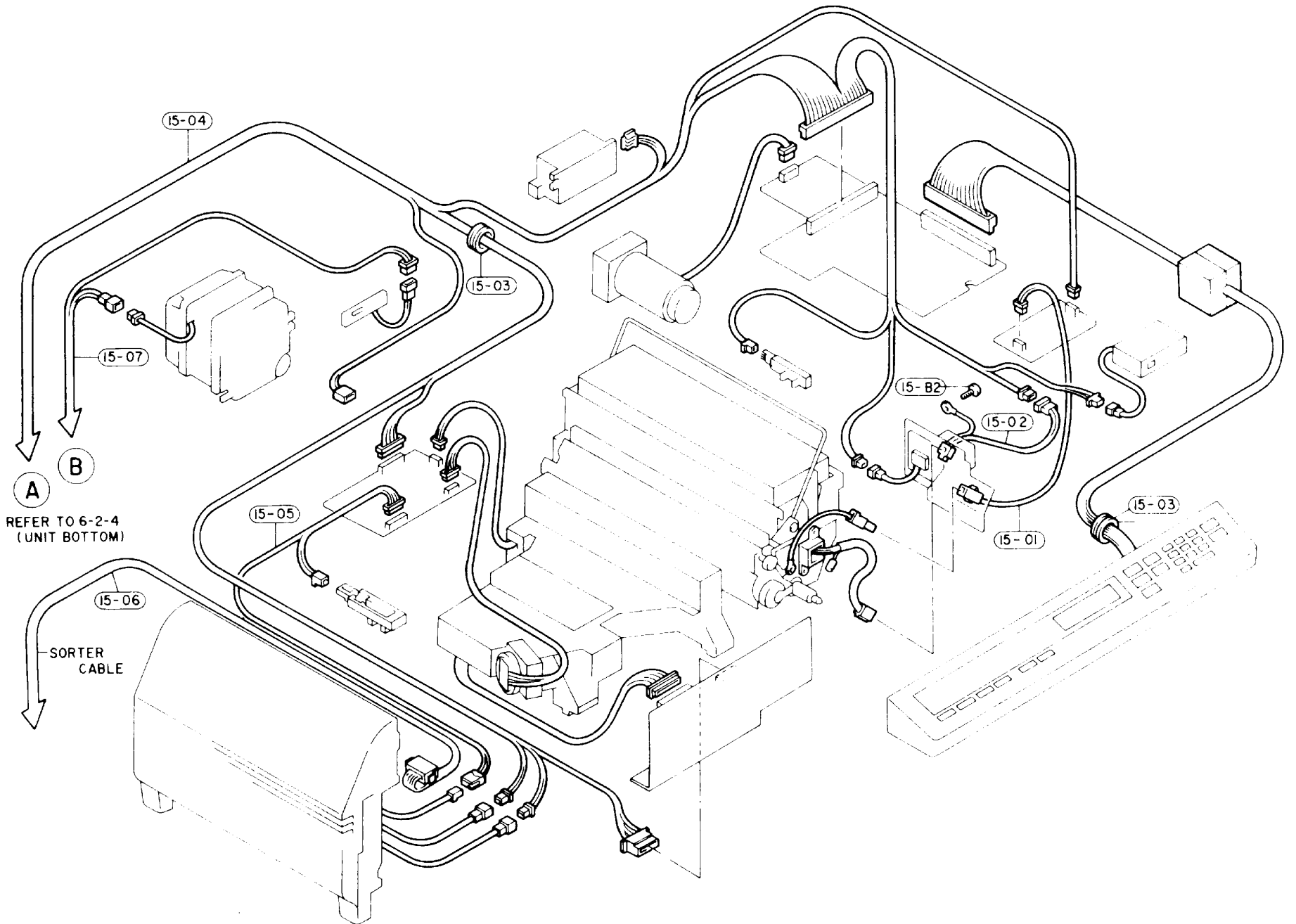
Ref No.	Part Code	Description	Quantity
13-001		Cable Assy CCA2020	1
13-002	5ENXGP1A05HR*01	Sensor GP1A05HR	1
13-003	5EZSA2401020301	Solenoid C TDS-KN07A	1
13-004	5AAXSW019GEA	FD SW Assy CCA2017	1

Fig.14 – Fuser (Electrical)



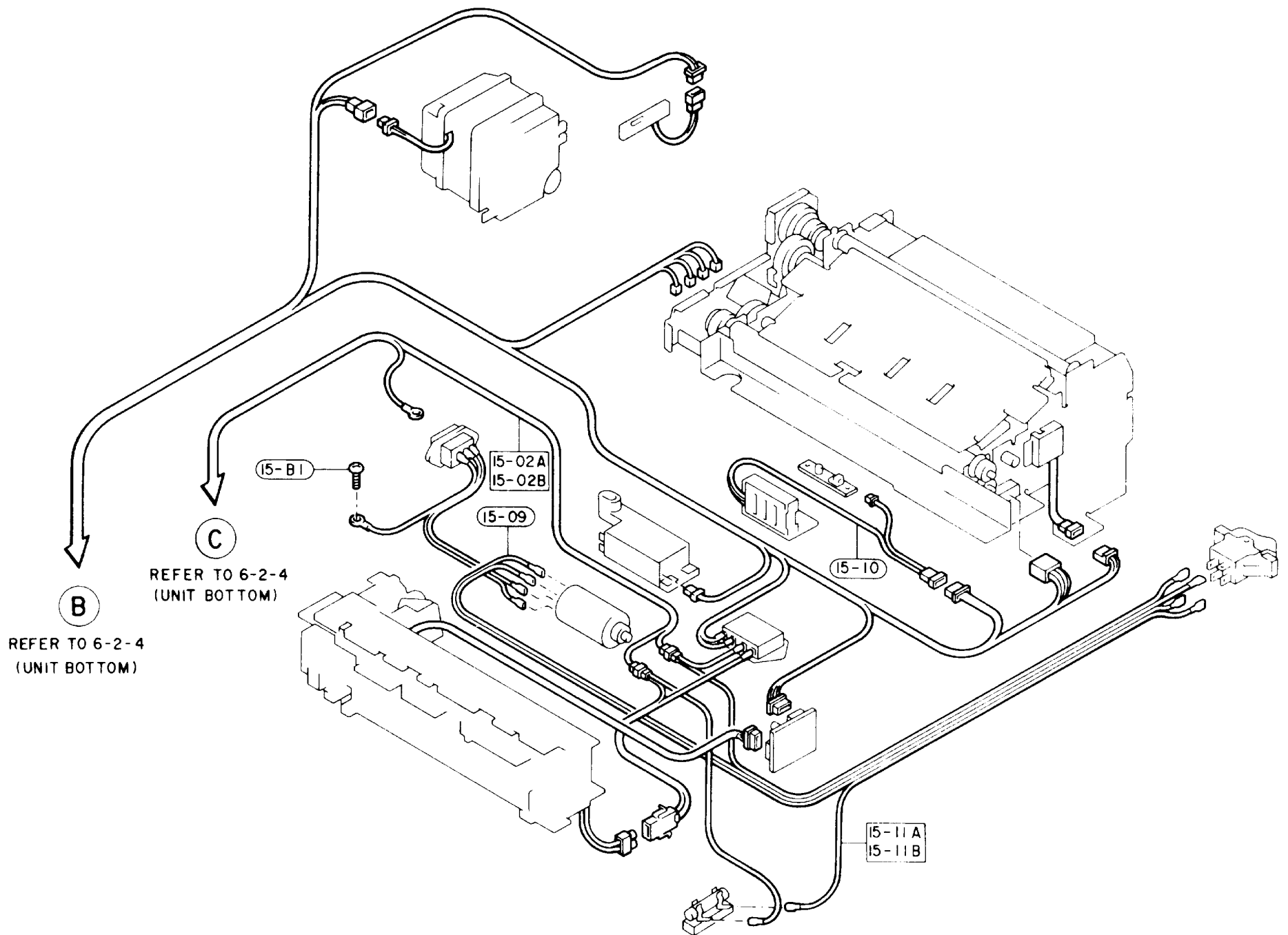
Ref No.	Part Code	Description	Quantity
14-000	FK-2	Fuser 220V-240V	1
14-001	5EZPB2413320202	Heater Lamp 240V 800W	1
14-002	5ENTTC180P1.203	Thermistor	1
14-006	5AAXTF005VDA	Thermal Fuse Assy	1
14-007	5MMT887AM003	FIXING ROLLER	1
14-008	5MMT886SX012	PRESS ROLLER	1

Fig.15a – Upper-Half (Harness)



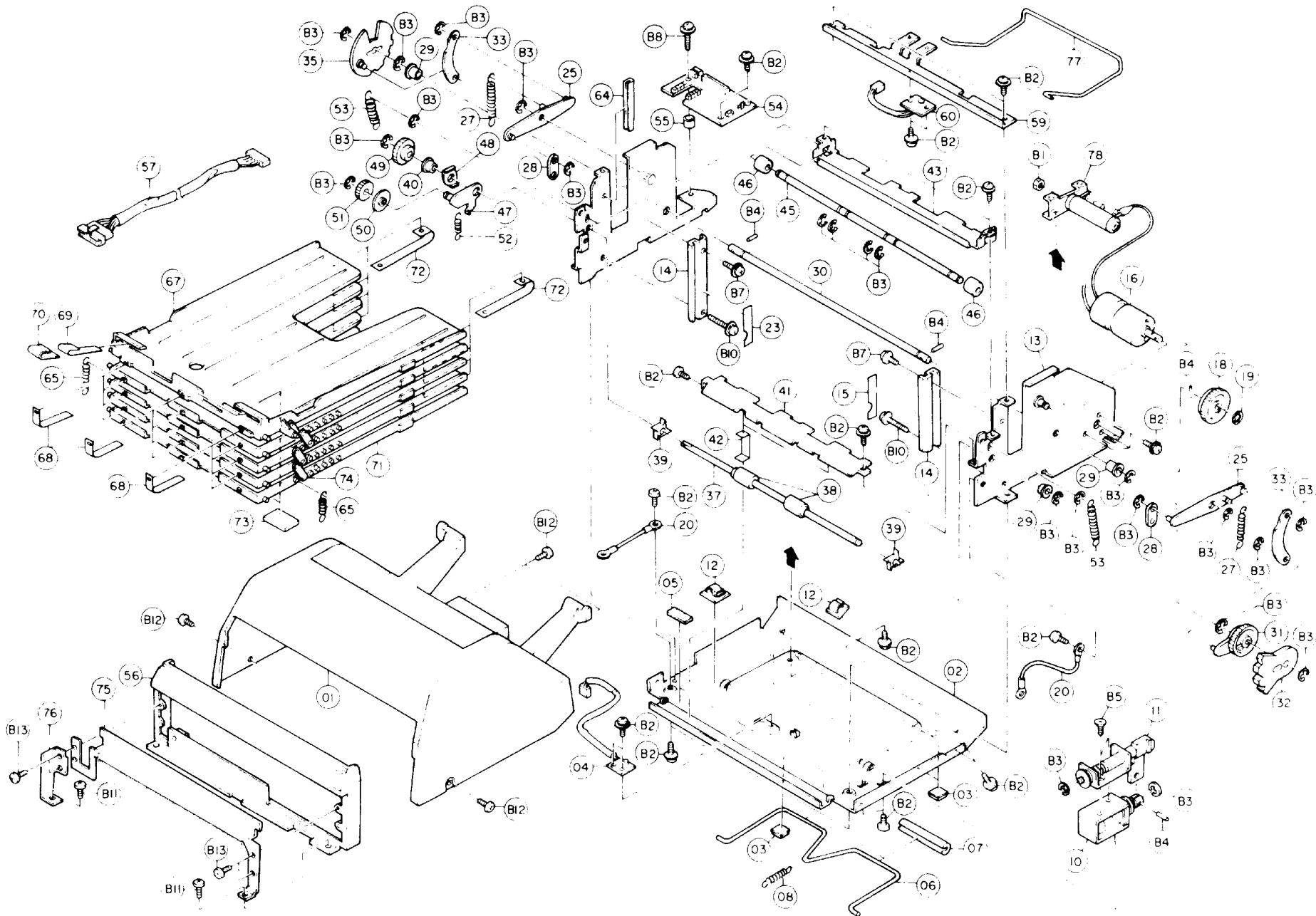
Ref No.	Part Code	Description	Quantity
15-001		Cable Assy PCA2039	1
15-002		Cable Assy PCA3041	1
15-003		Bushing	2
15-004		Cable Assy YC-5	1
15-005		Cable Assy CCA3021	1
15-006		Cable Assy Sorter	1
15-007		Cable Assy CA1	1

Fig.15b – Lower-Half (Harness)



Ref No.	Part Code	Description	Quantity
15-002		Cable Assy CA8	1
15-009		Cable Assy CCA4002	1
15-010		Cable Assy CCA4023	1
15-011		Cable Assy CCA4004	1

Fig.16 – Sorter (Optional)



Ref No.	Part Code	Description	Quantity
16-001		Cabinet	1
16-002		Base Plate	1
16-003		Foot	3
16-004	5SNSP0006964	Photo Sensor Assy L	1
16-005		Cushioning	2
16-006		Stand	1
16-007		Stand Cover	2
16-008		Stand Spring	1
16-010	5SNSP0006970	Solenoid Assy	1
16-011		Stopper Assy	1
16-012		Cable Clamp DNK-05	2
16-013		Side Frame R H	1
16-014		Tray Guide	2
16-015		Sheet R	1
16-016	5SNSP0006981	Motor	1
16-017		Motor Harness Assy	1
16-018		Motor Gear	1
16-019		SE RING	1
16-020		Ground Wire Assy	2
16-021		Left Frame	1
16-023		Sheet L	1
16-025		Arm	2
16-027		Stud Spring	2
16-028		Link Plate B	2
16-029		Bearing Bush	3
16-030		Drive Shaft	1
16-031		Clank Pulley Gear	1
16-032		Stopper Plate	1
16-033		Link Plate C	1
16-035		Sensor Plate	1
16-037		Feed Roller Shaft	1
16-038		Roller	2
16-039		Feed Pulley	2
16-040		Bearing Bush	2
16-041		Down B Baffle	1
16-042		Front Paper Stopper	2
16-043		Up B Baffle	1
16-045		Feed Shaft	1
16-046		Roller	2
16-047		Idler Bkt Assy	1
16-048		Idler Spacer	1
16-049		Feed Roller Gear	1
16-050		Idler Gear Collar	1
16-051		Idler Gear	1
16-052		Gear Idler	1

Ref No.	Part Code	Description	Quantity
16-053		Roller Rension Spring	2
16-054	5SNSP0007021	Main PWB Assy	1
16-055		PWB Spacer	1
16-056		Joint Bracket	1
16-057		Control Cable Assy	1
16-059		Sensor Bracket	1
16-060	5SNSP0007028	Up Sensor	1
16-064		L-50 Support Wire	1
16-065		Tray Spring	2
16-067		5 Bin A Tray	1
16-068		Tongue	12
16-069		Paper Stopper	2
16-070		Paper Guide Tongue	2
16-071		5 Bin B Tray	4
16-072		Rear Paper Stopper	8
16-073		Cushion Tray Assy	2
16-074		A Plate Link	8
16-075		Erase Assy	1
16-076		Support Bracket	1
16-077		#1 Paper Holder	1
16-078		PWB Support	1