



**LASERBEAM PRINTER**

**F-820**



# **PARTS CATALOGUE**

**10-11-1998**

# F-820 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:

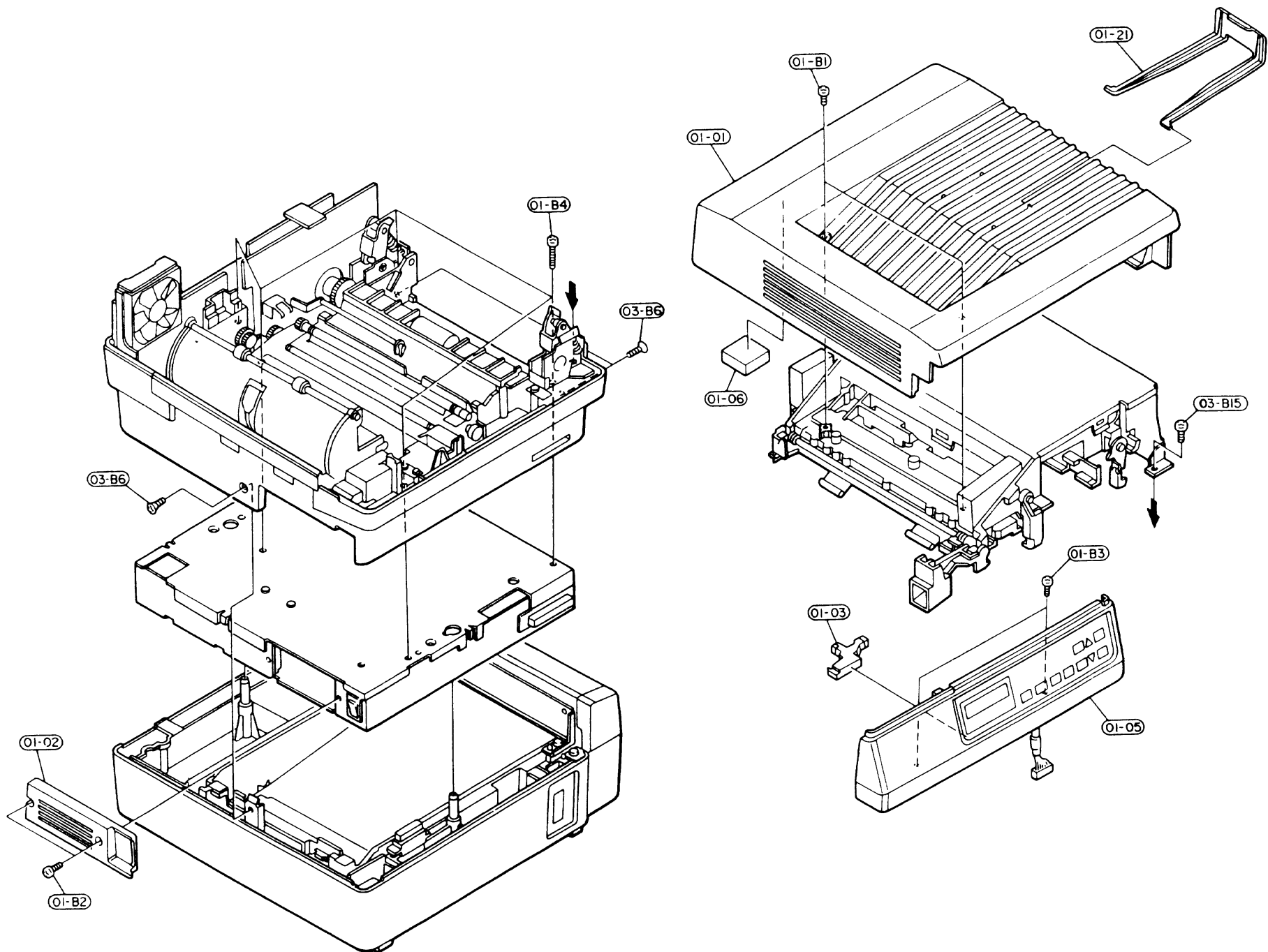
'Ref No.' ..... Reference number which corresponds to the parts in the figure  
'Part code' ..... Part code which identifies the part  
'Part description' ..... A brief description of the part  
'Quantity' ..... Quantity of the part used in the printer or option

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

## Consumables and Maintenance Kits

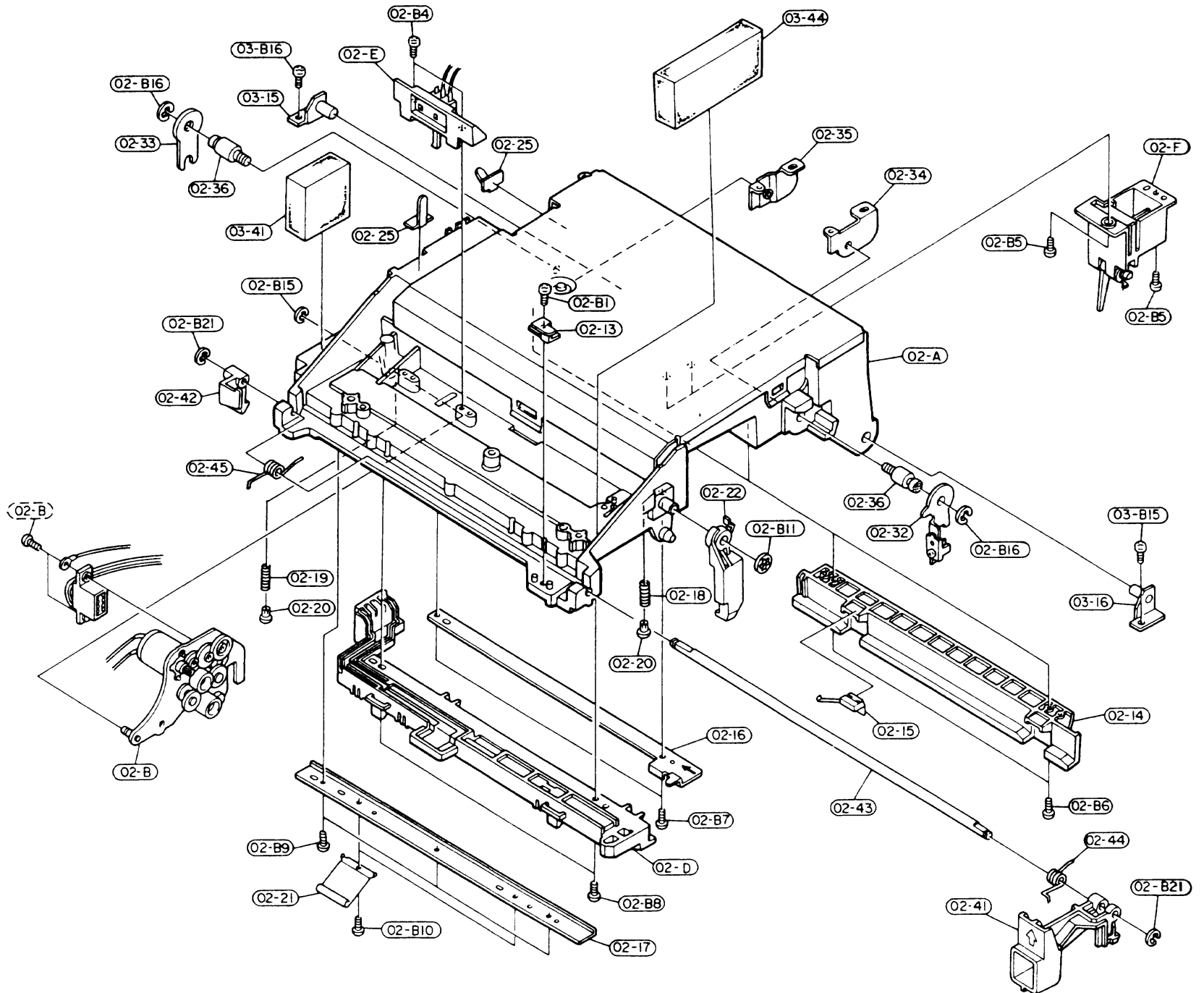
|       |                       |
|-------|-----------------------|
| TK-6  | Toner Kit             |
| DK-5  | Drum (12K pages)      |
| DV-10 | Developer (20K pages) |
| FK-9  | Fuser (100K pages)    |

Fig.1 – Covers

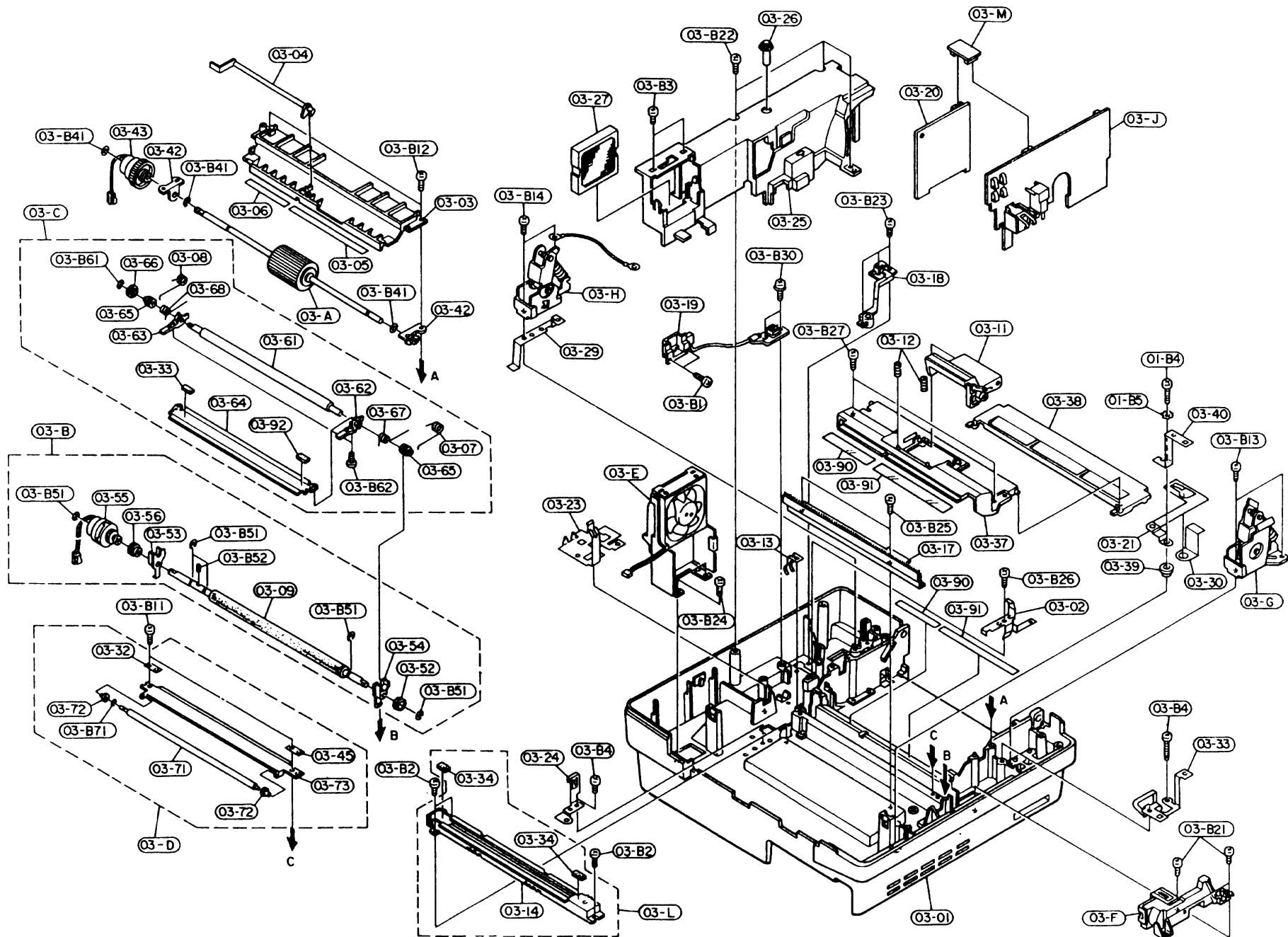


| Ref No. | Part Code    | Description    | Quantity |
|---------|--------------|----------------|----------|
| 01-001  | 5AAVCOVER160 | Cover Top Assy | 1        |
| 01-002  | 5MVB753SH002 | Cover Side     | 1        |
| 01-003  | 5AAVCLEAN    | Cleaning Stick | 1        |
| 01-005  | 5AAFZF820**1 | Key Board Assy | 1        |
| 01-006  | 5MVQ642RB001 | Sponge Top     | 4        |
| 01-021  | 5MVU741SH001 | Paper Stopper  | 4        |

Fig.2 – Upper Unit



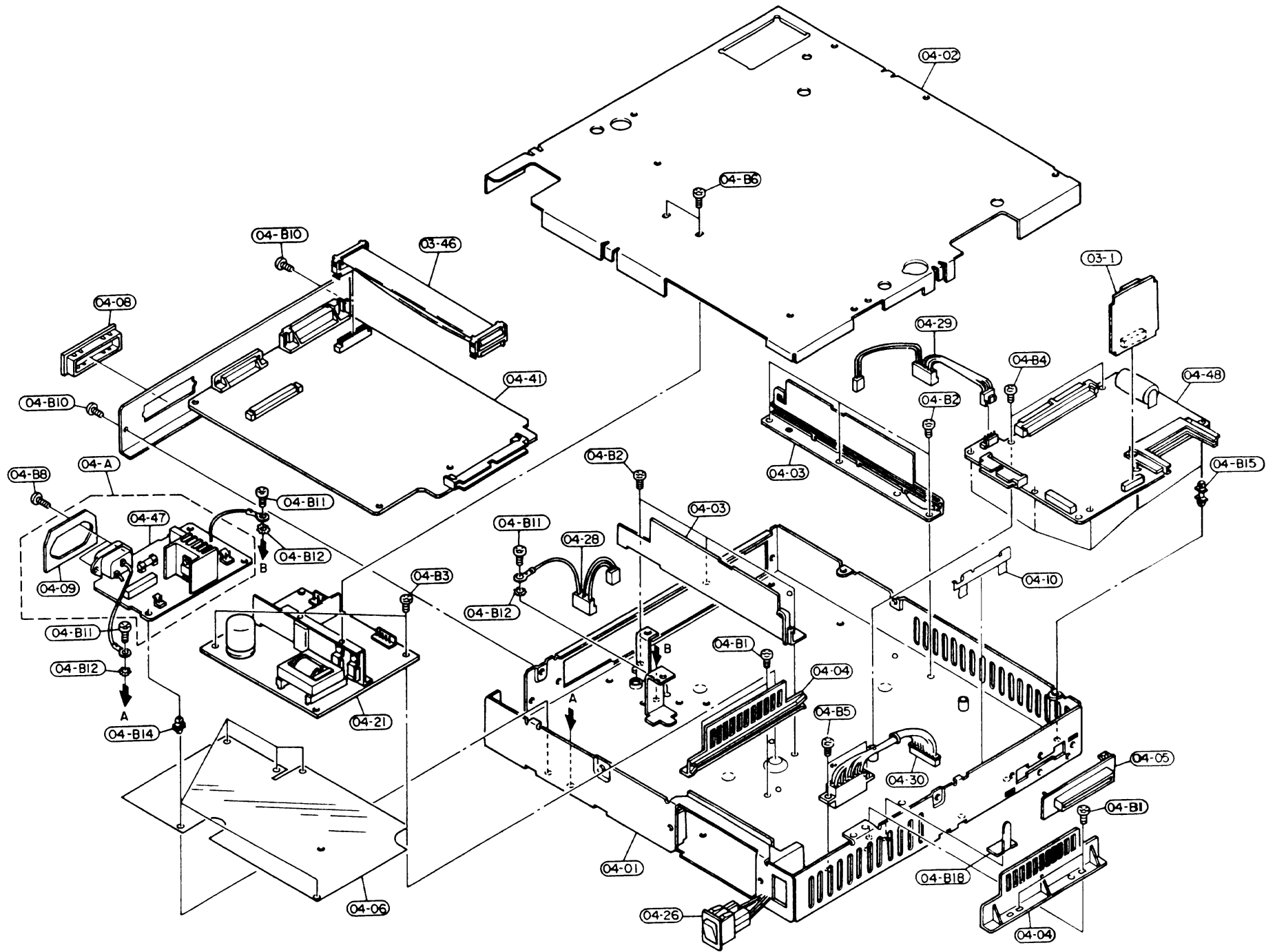
| Ref No. | Part Code       | Description       | Quantity |
|---------|-----------------|-------------------|----------|
| 02-00A  | 5AAYF820**50    | Scanner Unit      | 1        |
| 02-00B  | 5AAYF820**46    | Deve Drive Assy   | 1        |
| 02-00D  | 5AAYF800**B1    | Eraser Assy       | 1        |
| 02-00E  | 5AAYF800**19    | Bkt Switch Assy   | 1        |
| 02-00F  | 5AAYF820**18    | Paper Sensor Assy | 1        |
| 02-013  | 5MMZ321SL003    | Eject Stopper     | 1        |
| 02-014  | 5MVX833SG001-01 | Deve Guide A      | 1        |
| 02-015  | 5MMX522LD003    | Guide Spring      | 1        |
| 02-016  | 5MMX831SL001    | Deve Guide B      | 1        |
| 02-017  | 5MVL821SB002    | Drum Rail         | 1        |
| 02-018  | 5MMW361LJ019    | Drum Spring F     | 1        |
| 02-019  | 5MMW361LJ020    | Drum Spring R     | 1        |
| 02-020  | 5MVF166SB002    | Spring Foot       | 2        |
| 02-021  | 5MMX442DL001    | Fuser Press SP    | 2        |
| 02-022  | 5MVX622DG001    | Safety Lever      | 1        |
| 02-025  | 5MMX321SM001    | Cord Keep         | 2        |
| 02-032  | 5MML363SL002    | B-S Angle (FU)    | 1        |
| 02-033  | 5MMS531SL003    | B-S Angle (RU)    | 1        |
| 02-034  | 5MML532SL002    | SCN Angle (F)     | 1        |
| 02-035  | 5MML532SL003    | SCN Angle (r)     | 1        |
| 02-036  | 5MMT476LD003    | SCN Shaft         | 2        |
| 02-041  | 5MVX644SD001    | Lever Eject F     | 1        |
| 02-042  | 5MVX321SJ001    | Eject Lever R     | 1        |
| 02-043  | 5MMT865SD001    | Eject Stay        | 1        |
| 02-044  | 5MMW262LJ004    | Eject Spring      | 1        |
| 02-045  | 5MMW267LJ001    | Eject Spring      | 1        |



| Ref No. | Part Code       | Description        | Quantity |
|---------|-----------------|--------------------|----------|
| 03-00A  | 5AAYF800**93    | Feed Assy          | 1        |
| 03-00B  | 5AAYF800**94    | Regist Assy        | 1        |
| 03-00C  | 5AAYF800**D6    | Paper Chute T Assy | 1        |
| 03-00D  | 5AAYF800**56    | Paper Chute B Assy | 1        |
| 03-00E  | 5AAYF820**41    | Fan Assy           | 1        |
| 03-00F  | 5AAYF820**53    | Counter Gear Assy  | 1        |
| 03-00G  | 5AAYF800**37    | B-S Bkt Assy F     | 1        |
| 03-00H  | 5AAYF800**38    | B-S Bkt Assy R     | 1        |
| 03-00J  | 5AAPRCZG2009BH  | PWB Assy           | 1        |
| 03-00K  | 5APRZZG2005AH   | PWB Assy           | 1        |
| 03-00L  | 5AAYF820**63    | SVC TC Assy        | 1        |
| 03-001  | 5AAVBASE*010    | Base Assy          | 1        |
| 03-002  | 5MMX552RD002    | Plate Clutch Earth | 1        |
| 03-003  | 5MVX864SH003-01 | Guide Entrance     | 1        |
| 03-004  | 5MVX744SB001    | Actuator Feed      | 1        |
| 03-005  | 5MVS632KF001    | Guide Film A       | 2        |
| 03-006  | 5MVS723KF001    | Guide Film B       | 2        |
| 03-007  | 5MMW167LJ005    | Spring Regist F    | 1        |
| 03-008  | 5MMW167LJ006    | Spring Resist R    | 1        |
| 03-011  | 5AAVSEPRT006    | Separator Assy     | 1        |
| 03-012  | 5MMW365LJ001    | Paper Separator SP | 2        |
| 03-013  | 5MML222RD002    | Earth Contact      | 1        |
| 03-016  | 5AAVSH1LD036    | TC Assy            | 1        |
| 03-017  | 5AAVPLATE018    | Discharger Assy    | 1        |
| 03-018  | 5MVX773XH001    | TC Receptacle      | 1        |
| 03-019  | 5MVX853XH001    | MCH Connect        | 1        |
| 03-020  | 5AAYF820**53    | Trans Assy         | 1        |
| 03-021  | 5MMS663RD001    | Front Earth Plate  | 1        |
| 03-023  | 5MMS663RD001    | Plate Drum Earth   | 1        |
| 03-024  | 5MML422RJ001    | Drive Earth        | 1        |
| 03-025  | 5MVB877SB001    | Inner Cover        | 1        |
| 03-026  | 5MVN331SX001    | Dens Cont Knob     | 1        |
| 03-027  | 5MVX662SB013    | Ozone Filter       | 1        |
| 03-029  | 5MML632RD001    | B-S Earth 1        | 1        |
| 03-030  | 5MML643RD001    | B-S Earth 2        | 1        |
| 03-031  | 5MVS321KJ003    | P Side Seal F      | 1        |
| 03-032  | 5AAYF820**56    | P Side Seal R      | 1        |
| 03-033  | 5MMP576RD001    | Earth FF           | 1        |
| 03-034  | 5AAYF820**63    | P Sponge L         | 2        |
| 03-037  | 5MVB874SH007    | Base Separator     | 1        |
| 03-038  | 5MVB861SH001    | Bottom Pan         | 1        |
| 03-039  | 5MMM122SD001    | Spacer BC          | 1        |
| 03-040  | 5MMZ253RD001    | Earth Key          | 1        |
| 03-041  | 5MVQ652RB001    | Sponge Rear        | 1        |
| 03-042  | 5MVX422DX001    | Feed Bearing       | 2        |

| Ref No. | Part Code       | Description      | Quantity |
|---------|-----------------|------------------|----------|
| 03-043  | 5EYYAGAAF02**01 | Feed Clutch      | 1        |
| 03-044  | 5MVQ553RB001    | Sponge Front     | 1        |
| 03-052  | 5MVG137DB009    | Count Gear Z28   | 1        |
| 03-053  | 5MVX421DX002    | Regist Bearing R | 1        |
| 03-054  | 5MVX421DX001    | Regist Bearing F | 1        |
| 03-055  | 5EYYAGAAF01**01 | Regist Clutch    | 1        |
| 03-056  | 5MVG127DB014    | Regist Gear      | 1        |
| 03-061  | 5MMT876SN023    | Regist Roller    | 1        |
| 03-062  | 5MVX511DB001    | Regist Arm F     | 1        |
| 03-063  | 5MVX511DB002    | Regist Arm R     | 1        |
| 03-064  | 5MML831LD002    | Paper Chute T    | 1        |
| 03-065  | 5MVX211DX001    | Regist Bearing   | 1        |
| 03-066  | 5MVG127DB013    | Regist Gear T    | 1        |
| 03-067  | 5MMW176LJ004    | Arm Spring F     | 1        |
| 03-068  | 5MMW176LJ005    | Arm Spring R     | 1        |
| 03-071  | 5MMT863LD001    | Paper Roller     | 1        |
| 03-072  | 5MMF154CJ001    | Roller Bushing   | 2        |
| 03-073  | 5MMC183LD001    | Regist P Chute B | 1        |
| 03-090  | 5MVS632KJ001    | Base Sepa Film A | 2        |
| 03-091  | 5MVS732KJ001    | Base Sepa Film B | 2        |

Fig.4 – Controller Box



| Ref No. | Part Code       | Description         | Quantity |
|---------|-----------------|---------------------|----------|
| 03-001  | 5AAPRZZG2007AH  | PWB Assy            | 1        |
| 03-046  | 5AACCNHK7GEA    | Conn. Cord S00467   | 1        |
| 04-00A  | 5AAYF820**48    | Inlet Assy          | 1        |
| 04-001  | 5AAVCHASS017    | Controller Box Assy | 1        |
| 04-002  | 5MMN882SL004    | Cover Cont Box      | 1        |
| 04-003  | 5MVL722SL002    | Guide Main PWB      | 2        |
| 04-004  | 5MVL722SL001    | Guide RAM PWB       | 2        |
| 04-005  | 5MVK261SH006    | Guide Bee Card      | 1        |
| 04-006  | 5MVS875VN001    | Insulator PWB       | 1        |
| 04-008  | 5MVS627SH001    | Connector Lid       | 1        |
| 04-009  | 5AAYF820**48    | Sheet Inlet         | 1        |
| 04-010  | 5MMX431RD005    | Spring PWB          | 1        |
| 04-021  | 5AAEZF820**1    | Switching Regulator | 1        |
| 04-026  | 5ESC020103***02 | See-Saw SW UL VDE S | 1        |
| 04-028  | 5AACCNHK8GEA    | Conn. Cord Assy     | 1        |
| 04-029  | 5AACCNHE6GEA    | Conn. Cord Assy     | 1        |
| 04-030  | 5AACCNHD6GEA    | Conn. Cord Assy     | 1        |
| 04-041  | 5AAPRLGG4008BH  | PWB Assy KP-166     | 1        |
| 04-047  | 5AAYF820**48    | PWB Assy            | 1        |
| 04-048  | 5AAPRIFG2004BH  | PWB Assy KP-169     | 1        |

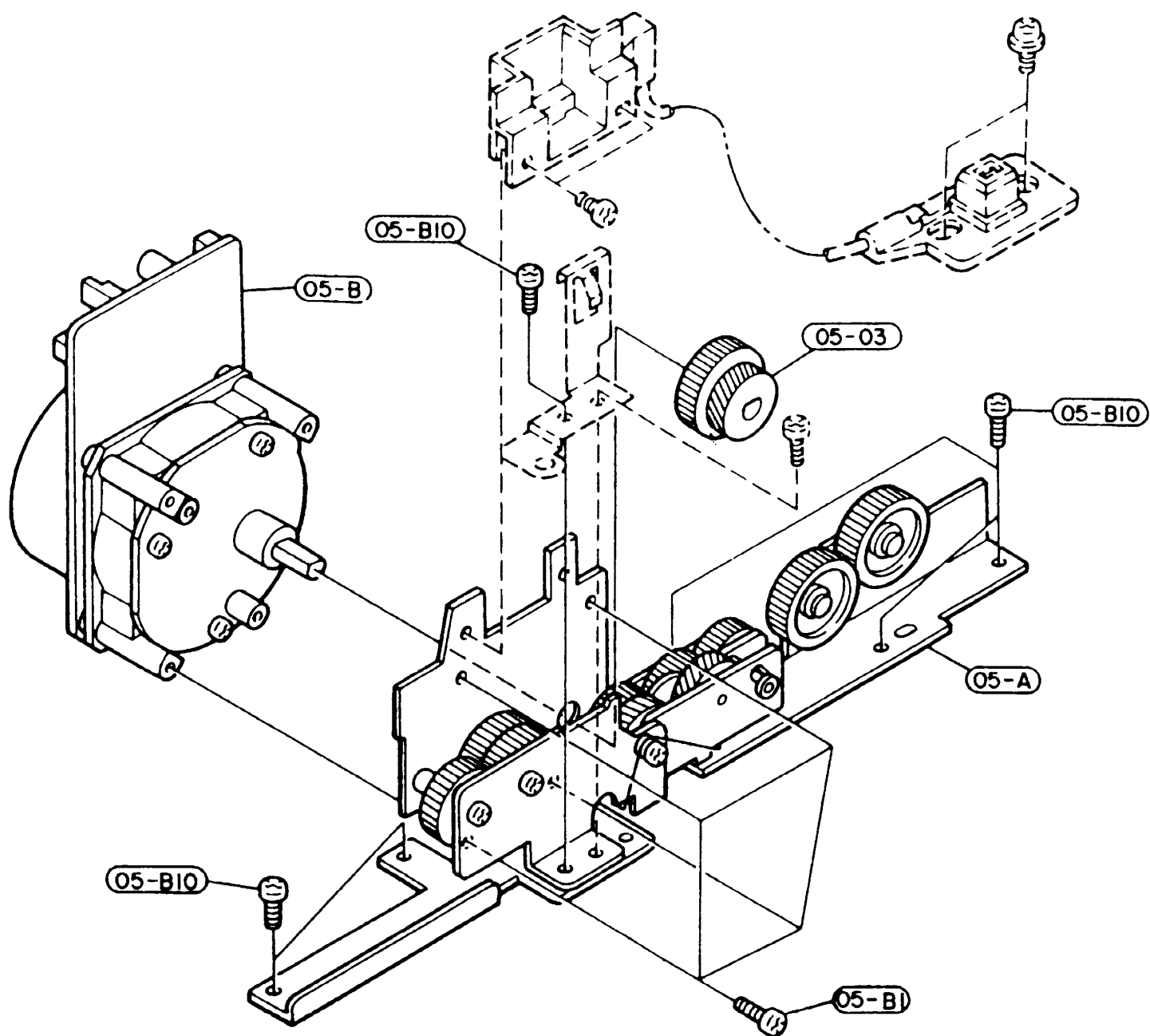
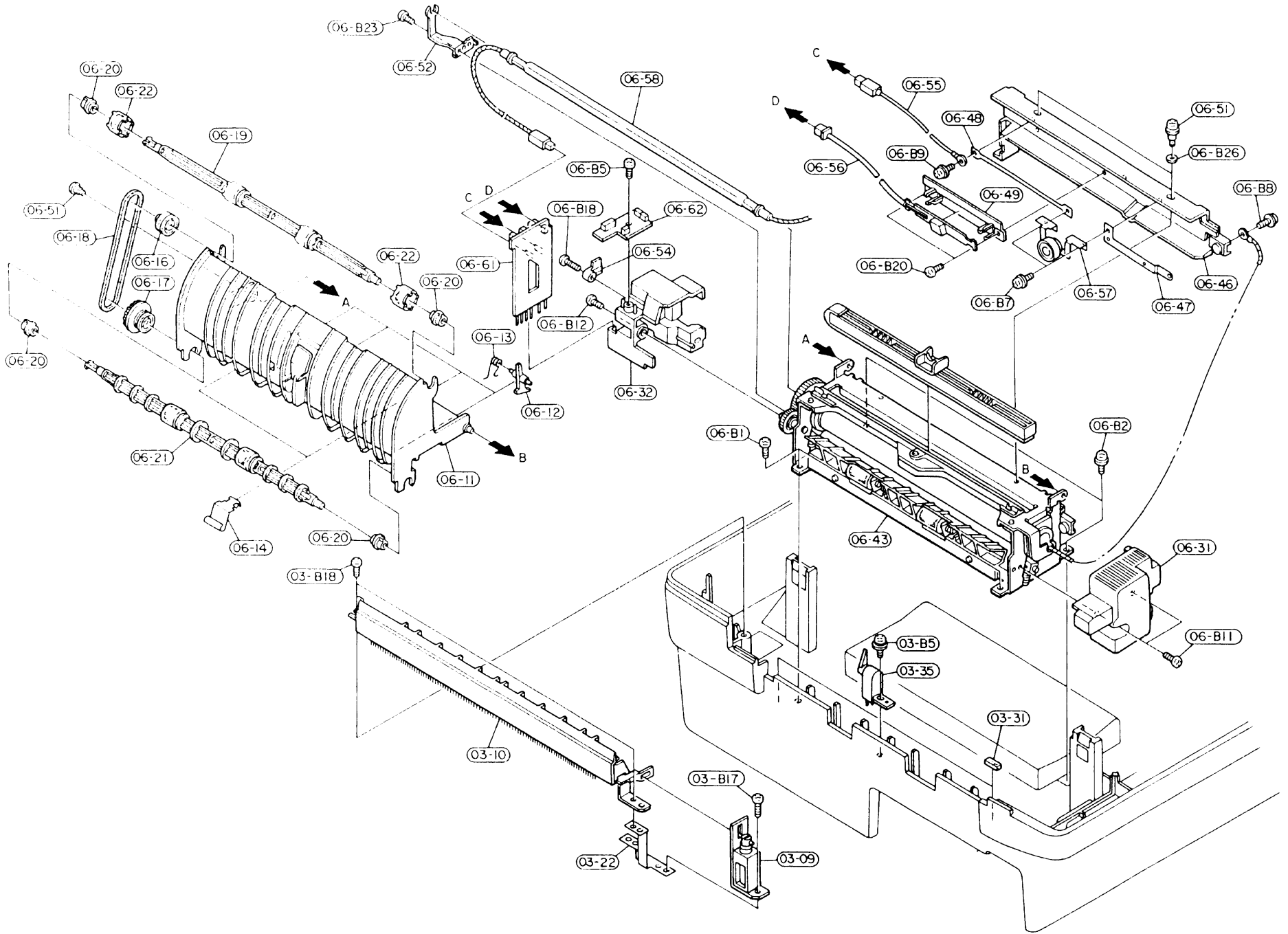


Fig.5 - Drive Assy

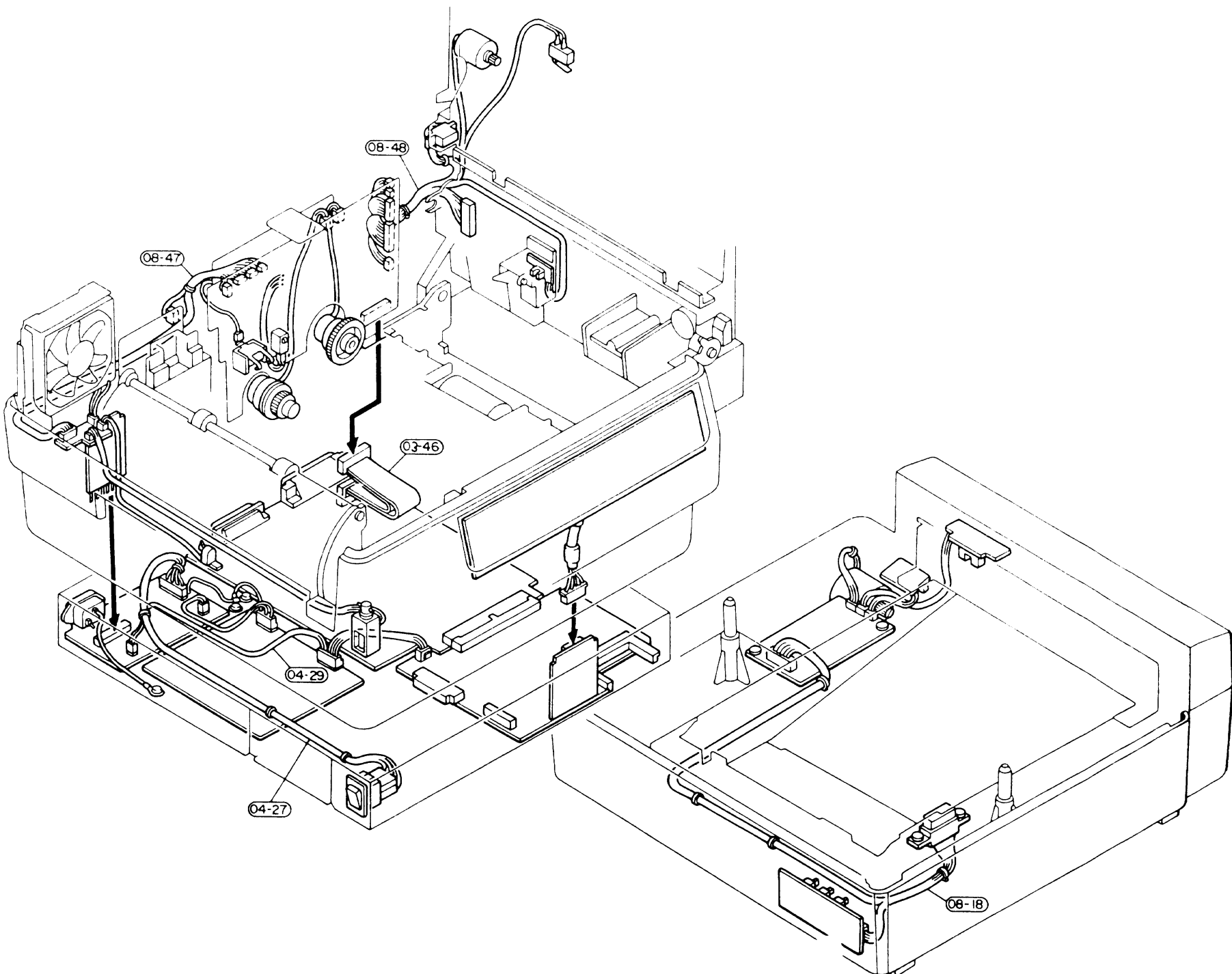
| Ref No. | Part Code    | Description        | Quantity |
|---------|--------------|--------------------|----------|
| 05-00A  | 5AAYF800**C5 | Drive Gear Sub     | 1        |
| 05-00B  | 5AAYF800**C6 | Main Motor Sub     | 1        |
| 05-003  | 5MMG038SV001 | Motor Gear Z30 H24 | 1        |

**Fig.6 – Fuser**



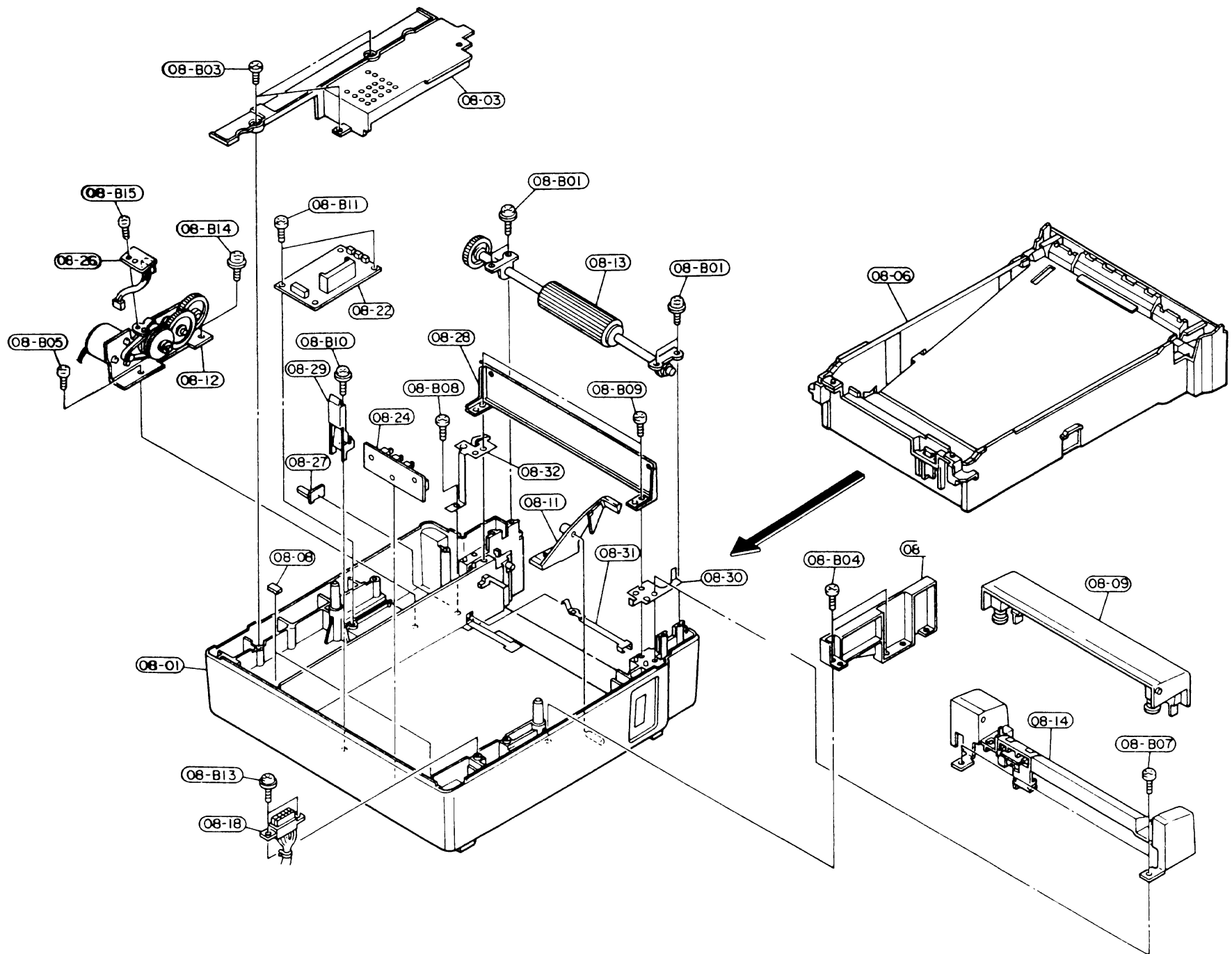
| Ref No. | Part Code       | Description        | Quantity |
|---------|-----------------|--------------------|----------|
| 03-009  | 5AAYF820**24    | Solenoid Assy      | 1        |
| 03-010  | 5AAYF820**23    | Gate Exit Assy     | 1        |
| 03-022  | 5MMZ153RD001    | Earth U-D          | 1        |
| 03-035  | 5AAXSW027GEA    | Switch Jam         | 1        |
| 06-011  | 5AAYF820**01    | Fuser Cover Assy   | 1        |
| 06-012  | 5MVX332XN002    | Separator          | 4        |
| 06-013  | 5MMW163LJ003    | Separator Spring   | 4        |
| 06-014  | 5MMP232LD001    | Cleaner Spring     | 2        |
| 06-016  | 5MVG307DB001    | Exit Roll Pulley   | 1        |
| 06-017  | 5MVG038DB001    | Exit Roll GE Z23   | 1        |
| 06-018  | 5MVS668RB003    | Exit Belt          | 1        |
| 06-019  | 5MVT877CB001    | Exit Roller        | 1        |
| 06-020  | 5MVM176DB003    | Exit Roll Bushing  | 4        |
| 06-021  | 5AAVROLER018    | Roller Exit Assy   | 1        |
| 06-022  | 5MVM272RB002    | Exit Tire B        | 2        |
| 06-031  | 5MVB665XB001    | Cover Fuser F      | 1        |
| 06-032  | 5MVB666XB001    | Cover Fuser R      | 1        |
| 06-043  | 5MVX643XB001    | Guide Exit Paper   | 1        |
| 06-046  | 5MVX842CB002    | Inlet Upper Guide  | 1        |
| 06-047  | 5MMS623RD001    | Cord Plate F       | 1        |
| 06-048  | 5MMS713RD001    | Cord Plate R       | 1        |
| 06-049  | 5MVX622XB001    | Thermistor Support | 1        |
| 06-052  | 5MMP333LD001    | Heater Support     | 1        |
| 06-054  | 5MVX221XB001    | Cord Stopper       | 1        |
| 06-055  | 5AACCNFROGEA    | Conn Cord Assy     | 1        |
| 06-056  | 5AAXTM001GEA    | Thermistor Assy    | 1        |
| 06-057  | 5EYFFQ21001**01 | Thermostat 210C    | 1        |
| 06-058  | 5EZPB2412520101 | Heater Lamp 240V   | 1        |
| 06-061  | 5AAPRHCC1004AH  | PWB Assy           | 1        |
| 06-062  | 5AAPRZZC1020AH  | PWB Assy           | 1        |
| 06-063  | 5AAVCLEAN       | Cleaning Pad       |          |

Fig. 7 – Connection Cords



| Ref No. | Part Code    | Description      | Quantity |
|---------|--------------|------------------|----------|
| 04-027  | 5AACCNHE7GEA | Conn Cord Assy   | 1        |
| 04-029  | 5AACCNHE6GEA | Conn Cord Assy   | 1        |
| 08-018  | 5AACCNHK9GEA | Conn Cord Assy   | 1        |
| 08-047  | 5AACCNHF5GEA | Conn Cord S00459 | 1        |
| 08-048  | 5AACCNHF6GEA | Conn Cord S00460 | 1        |

Fig.8 – Lower Feeder



| Ref No. | Part Code     | Description             | Quantity |
|---------|---------------|-------------------------|----------|
| 08-001  | 5AAVFEEDR012  | Base Feeder Assy (PF-3) | 1        |
| 08-003  | 5MVS838SH001  | Cover Rear              | 1        |
| 08-004  | 5MVX764DD001  | Cover Empty             | 1        |
| 08-006  | PC-6          | Paper Cassette A4       | 1        |
| 08-008  | 5MVQ211RB019  | Rubber Cord             | 2        |
| 08-009  | 5AAVCOVER167  | Cover Guide Assy        | 1        |
| 08-011  | 5AAYF820**30  | Lever Empty Assy        | 1        |
| 08-012  | 5AAYF820**32  | Plate Gear B Assy       | 1        |
| 08-013  | 5AAYF820**31  | Lower Feed Assy         | 1        |
| 08-014  | 5AAYF820**34  | Cover Feeder Assy       | 1        |
| 08-018  | 5AACCNHK9GEA  | Conn Cord Assy          | 1        |
| 08-022  | 5APRZZC1024AH | PWB Assy KP-189         | 1        |
| 08-024  | 5APRSWC1002AH | PWB Assy KP-140         | 1        |
| 08-026  | 5APRXXC1025AH | PWB Assy KP-198         | 1        |
| 08-027  | 5MMX321SM001  | Cord Keep               | 1        |
| 08-028  | 5MML683SD001  | Stay Right              | 1        |
| 08-029  | 5AAVBRCKT051  | Stay Left Assy          | 1        |
| 08-030  | 5MML163LD001  | Roller Earth F          | 1        |
| 08-031  | 5MMU771LD001  | Cassette Earth B        | 1        |
| 08-032  | 5MMZ663LD001  | Feeder Earth R          | 1        |