

## 5. SERVICE PARTS LIST

### 5.1 Parts List for Mechanism

#### EXPLODED VIEW

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| Ref. No. | Parts No.  | Description          | Q'ty | Remarks |
|----------|------------|----------------------|------|---------|
| 1        | E 4002-590 | Bottom Chassis       | 1    |         |
| 2        | E 6302-370 | Rubber Foot (φ10×3)  | 4    |         |
| 3        | E 70010990 | Control PCB Assy (P) | 1    |         |
| 4        | E 70010995 | Control PCB Assy (R) |      |         |
| 5        | E 6601-410 | Serial IF Plate      | 1    |         |
| 7        | E 4002-600 | Main Chassis         | 1    |         |
| 8        | E 8017-110 | Stepping Motor       | 1    |         |
| 9        | E 8032-120 | Pressure Arm-R       | 1    |         |
| 10       | E 8021-130 | Pressure Arm-L       | 1    |         |
| 11       | 23G74985   | EXT Spring-01        | 3    |         |
| 12       | E 8012-030 | Lock Lever-R-SA      | 1    |         |
| 13       | E 8013-040 | Lock Lever-L-SA      | 1    |         |
| 14       | E 6602-140 | Ejector              | 1    |         |
| 15       | E 6602-150 | Brake                | 1    |         |
| 17       | E 8019-200 | Reduction Gear       | 1    |         |
| 18       | E 8516-030 | Idle Gear            | 1    |         |
| 19       | E 8500-100 | Gear Holder          | 1    |         |
| 22       | E 8010-360 | Cutter Plate         | 1    |         |
| 23       | ACC-130    | Auto Cutter ACC-130  | 1    |         |
| 24       | E 8023-130 | Safety Cover         | 1    |         |
| 25       | E 6233-170 | Safety Cover Shaft   | 1    |         |
| 26       | 23G74992   | EXT Spring-03        | 1    |         |
| 28       | E 8031-150 | Platen               | 1    |         |
| 29       | E 8025-120 | Platen Bushing       | 2    |         |
| 30       | E 8019-210 | Platen Gear          | 1    |         |
| 32       | E 6601-410 | Center Frame         | 1    |         |
| 33       | E 4019-230 | DIP SW Cover         | 1    |         |
| 34       | E 8037-030 | Slider               | 1    |         |
| 35       | E 8022-150 | Guide Roller         | 1    |         |
| 36       | E 40000350 | Sensor PCB Assy      | 1    |         |
| 37       | E 6601-390 | Sensor Plate         | 1    |         |
| 38       | E 5071-115 | PNE Lever Assy       | 1    |         |

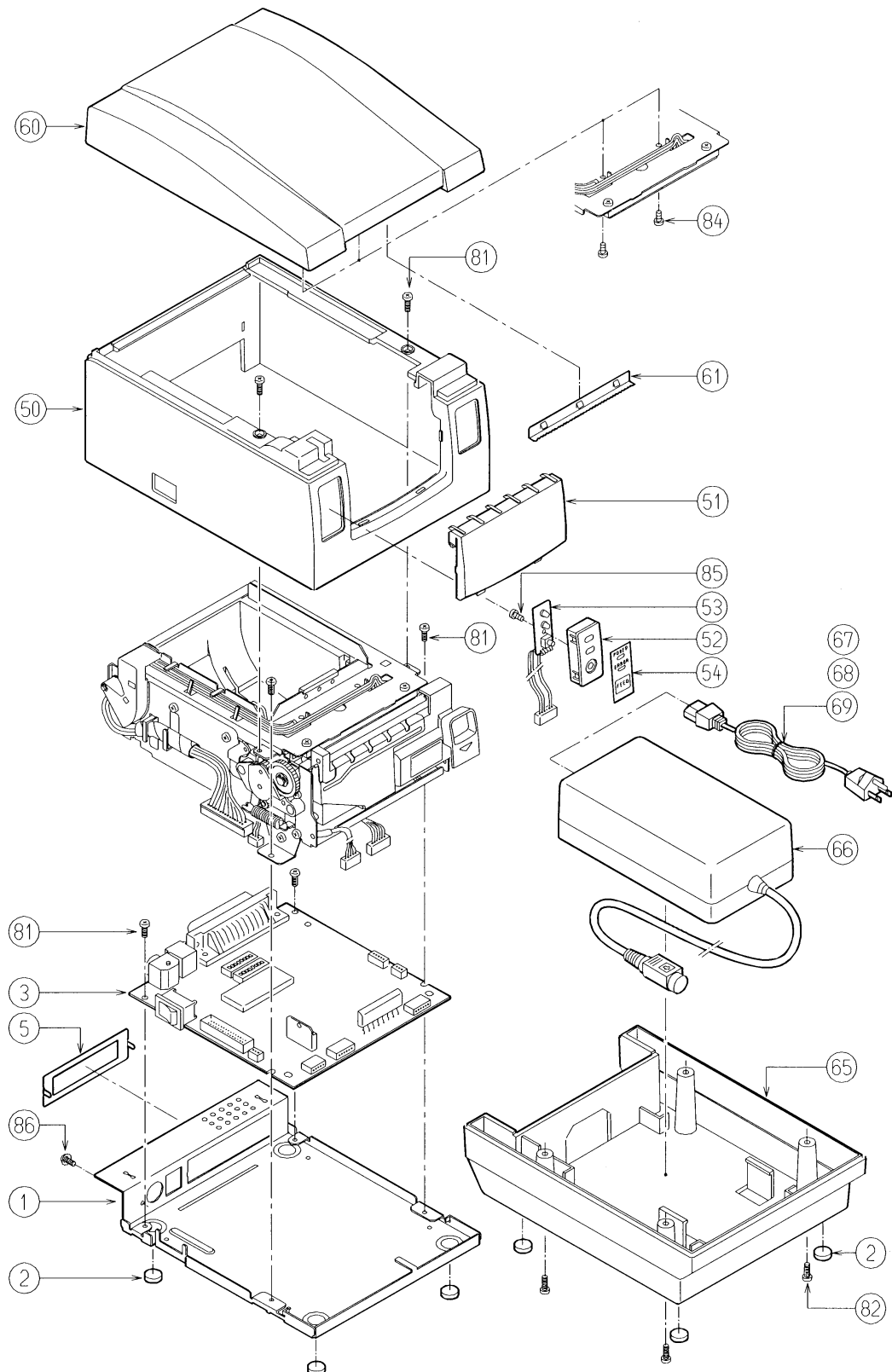
## EXPLODED VIEW

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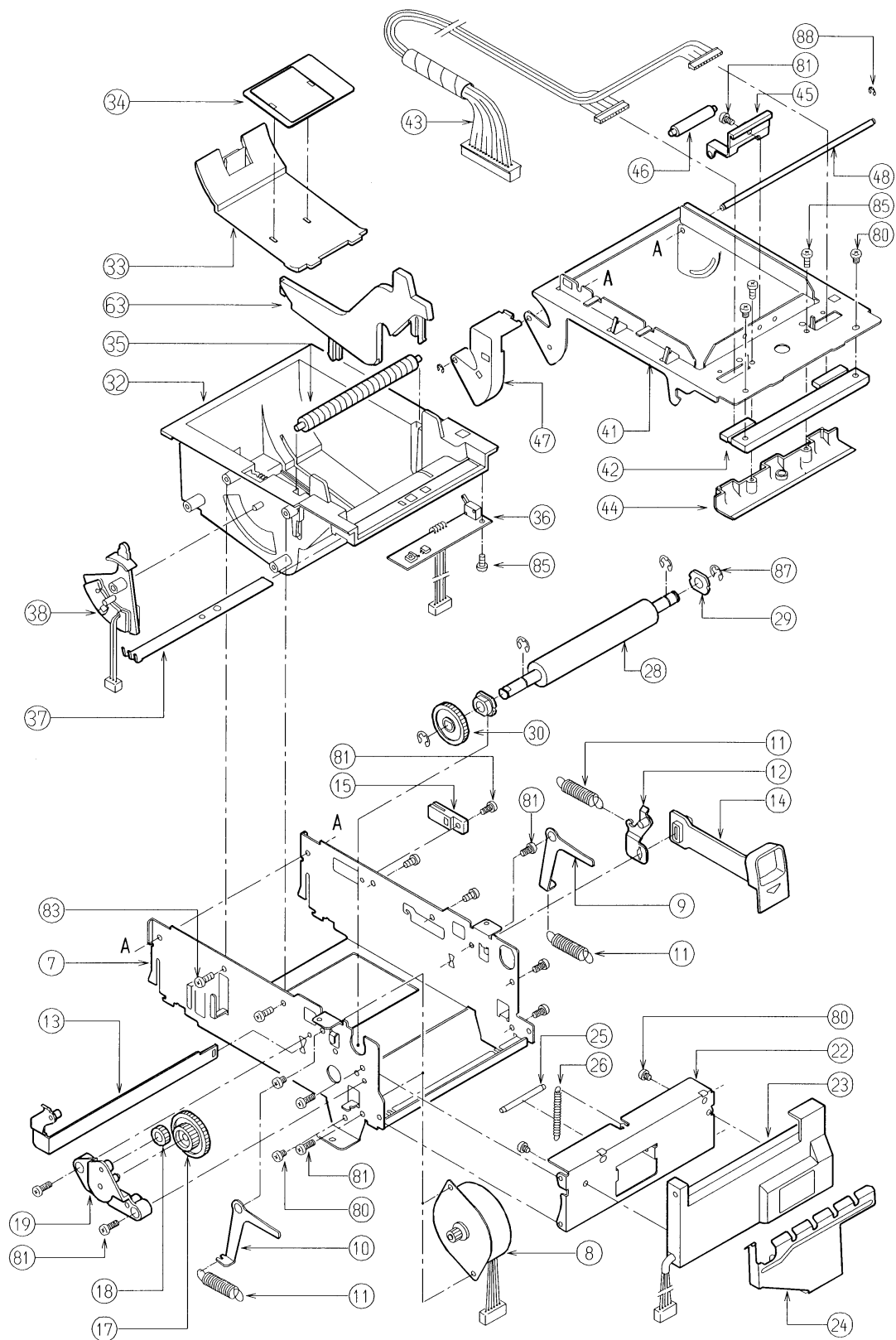
| Ref. No. | Parts No.   | Description                    | Q'ty | Remarks |
|----------|-------------|--------------------------------|------|---------|
| 41       | E 4002-610  | Top Chassis                    | 1    |         |
| 42       |             | Thermal Head KF2003-GD30C      | 1    |         |
| 43       | E 4900-650  | Head Cable Assy                | 1    |         |
| 44       | E 8023-120  | Head Cover                     | 1    |         |
| 45       | E 6602-160  | Damper                         | 1    |         |
| 46       | E 6612-05   | Roller                         | 1    |         |
| 47       | E 8023-140  | Wire Cover                     | 1    |         |
| 48       | E 6233-180  | Chassis Shaft                  | 1    |         |
| 50       | E 66201-090 | Top Cover                      | 1    |         |
| 51       | E 6200-700  | Front Cover                    | 1    |         |
| 52       | E 40000340  | Operation Panel                | 1    |         |
| 53       | E 40000330  | Operation PCB Assy             | 1    |         |
| 54       | E 5200-370  | Operation Sheet                | 1    |         |
| 60       | E 62040590  | Printer Cover                  | 1    |         |
| 61       | E 6220-670  | Tear Bar                       | 1    |         |
| 63       | E 6601-400  | Partition                      | 1    |         |
| 65       | E 62020420  | Power Case                     | 1    |         |
| 66       | 31AD        | AC Adapter 31AD                | 1    |         |
| 67       | E 6100-765  | AC Cord-100V                   | 1    |         |
| 68       | E 6100-755  | AC Cord-120V                   |      |         |
| 69       | E 6100-730  | AC Cord-230V                   |      |         |
| 70       |             | Caution Label, Paper           | 1    |         |
| 71       |             | Caution Label, Hot             | 1    |         |
| 72       |             | Caution Label, Drawer          | 1    |         |
| 80       | 23G75069    | Screw, PH, M3×4                | 6    |         |
| 81       | 23G22579    | Screw, PHT (ST), M3×6          | 15   |         |
| 82       | 23G22821    | Screw, PHT (ST), M3×8          | 4    |         |
| 83       | 23G23251    | Screw, PHT (BT), M3×6          | 4    |         |
| 84       | 23G22796    | Screw, PHT (BT), M3×8          | 2    |         |
| 85       | 23G23179    | Screw, PHT (BT), M2.6×6        | 4    |         |
| 86       | 23G42966    | Screw, PHT (ST, EXT, TW), M3×6 | 1    |         |
| 87       | 23G22829    | E-Ring, 4                      | 4    |         |
| 88       | 23G65865    | E-Ring, 2                      | 2    |         |

## 5.2 Disassembly Drawing

### ● Disassembly Drawing-1



● Disassembly Drawing-2



### 5.3 Parts List for Control PCB Assy

#### 5.3.1 Control PCB Assy

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| Ref. No                     | Parts No. | Description                | CBM1000<br>R | CBM1000<br>P |
|-----------------------------|-----------|----------------------------|--------------|--------------|
| IC1                         | E 107-390 | CPU HD6432350F20           | 1            | 1            |
| IC2                         | E 104-530 | Gate Array CBM202LA-00     | 1            | 1            |
| IC3                         | E 107-400 | Flash Memory M29F400B-70N1 | 1            | 1            |
| IC4                         | E 107-380 | SRAM TC551001CF-55L        | 1            | 1            |
| IC5                         | E4101-720 | DC/DC Converter SI-8401L   | 1            | 1            |
| IC6                         | E210-130  | Reset IC M51953BPF         | 1            | 1            |
| IC7,8                       | E2020050  | I/F IC SP232ACP            | 2            |              |
| IC7,8                       | E2010680  | HC-MOS SN74HC05NS          |              | 2            |
| IC9                         | E2010690  | HC-MOS SN74HC244NS         |              | 1            |
| IC101                       |           | Kanji ROM CBM202KG-01      | 1            | 1            |
| TA1                         | E 390-380 | Tr. Array SMA7022MU        | 1            | 1            |
| TA2                         | E 390-230 | Tr. Array TA8428K          | 1            | 1            |
| TR1,6,7                     | E 358-080 | Transistor RN1302          | 3            | 3            |
| TR2                         | E 358-090 | FET 2SJ267                 | 1            | 1            |
| TR3,4,8,9,14                | E 358-120 | Transistor RN1310          | 5            | 5            |
| TR5,10,11,15<br>16          | E 359-210 | Transistor 2SC2712         | 5            | 5            |
| TR12,13                     | E 359-180 | Transistor 2SC4671         | 2            | 2            |
| TR17                        | E 358-130 | Transistor RN2302          | 1            | 1            |
| D1                          | E 400-610 | Diode 1SS193               | 1            | 1            |
| ZD1                         | E 406-070 | Z. Diode RD6.2FMB2         | 1            | 1            |
| C1-4,31                     |           | C. Cap. GRM1545B224K630PT  | 5            | 5            |
| C5                          |           | C. Cap. GRM42-6F474Z50PT   | 1            | 1            |
| C6,7,10-13,20<br>29,117-124 |           | C. Cap. GRM40F104Z50PT     | 16           | 16           |
| C8                          |           | Ele. Cap. 35ZL1000M        | 1            | 1            |
| C9                          |           | Ele. Cap. 16ZL470M         | 1            | 1            |
| C14,15,18<br>102            |           | C. Cap. GRM40B471K50PT     | 4            | 4            |
| C16,17                      |           | C. Cap. GRM40B222K50PT     | 2            | 2            |
| C19,21-28                   |           | C. Cap. GRM40B102K50PT     | 9            | 9            |
| C30                         |           | C. Cap. GRM1545B224K630PT  | 1            |              |
| C30                         |           | C. Cap. GRM42-6F474Z50PT   |              | 1            |
| C32-41                      |           | C. Cap. GRM40F104Z50PT     | 10           |              |
| C32                         |           | C. Cap. GRM1545B224K630PT  |              | 1            |
| C33,34                      |           | C. Cap. GRM40B102K50PT     |              | 2            |
| C35                         |           | C. Cap. GRM40B471K50PT     |              | 1            |

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| Ref. No                                  | Parts No.  | Description |                 | CBM1000<br>R | CBM1000<br>P |
|------------------------------------------|------------|-------------|-----------------|--------------|--------------|
| C101,103-109<br>C111,112,115<br>C125-127 |            | C. Cap.     | GRM40CH101J50PT | 8            | 8            |
|                                          |            | C. Cap.     | GRM40CH470J50PT | 3            | 3            |
|                                          |            | C. Cap.     | GRM40F104Z50PT  |              | 3            |
| RA1,2                                    | E 3500-370 | Re. Array   | BCN31-8SI332J   |              | 2            |
| R1,2,16,18,29<br>33,34,42                |            | Chip Re.    | CR10-332J       | 8            | 8            |
| R3,15,22,27<br>47,52                     |            | Chip Re.    | CR10-101J       | 6            | 6            |
| R4                                       |            | Chip Re.    | CR10-303J       | 1            | 1            |
| R5-7,28,31,32<br>35,36,43,48<br>53-57    |            | Chip Re.    | CR10-103J       | 15           | 15           |
| R8,9                                     |            | Chip Re.    | CR10-473J       | 2            | 2            |
| R10,13                                   |            | Chip Re.    | CR01-18Ω J      | 2            | 2            |
| R11,12                                   |            | Chip Re.    | CR10-222J       | 2            | 2            |
| R14                                      |            | Chip Re.    | CR10-511J       | 1            | 1            |
| R17,24,44,49                             |            | Chip Re.    | CR10-181J       | 4            | 4            |
| R19                                      |            | Chip Re.    | CR10-0ΩJ        | (1)          | (1)          |
| R20,25,45                                |            | Chip Re.    | CR10-683J       | 3            | 3            |
| R21,23,30,37<br>38,40,41,58<br>60        |            | Chip Re.    | CR10-102J       | 9            | 9            |
| R26,46,51                                |            | Chip Re.    | CR10-333J       | 3            | 3            |
| R39                                      |            | Chip Re.    | CR10-223J       | 1            | 1            |
| R50                                      |            | Chip Re.    | CR10-823J       | 1            | 1            |
| R59                                      |            | Chip Re.    | CR10-622J       | 1            | 1            |
| R61                                      |            | Chip Re.    | CR10-101J       |              | 1            |
| L1,2,3,11,12<br>19-27, 43,44<br>46-49    | E 4009-480 | Fe. Beads   | BLM41P600S      | 20           | 20           |
| L4-10,13-18<br>28-42,45<br>50-68         | E 4009-490 | Fe. Beads   | BLM21A121S      | 48           | 48           |
| L69-82                                   | E 4009-490 | Fe. Beads   | BLM21A121S      |              | 14           |
| DS1,2                                    | E 5103-230 | DIP SW.     | KSD08           | 2            | 2            |
| DS3,4                                    | E 5103-390 | DIP SW.     | KSD04           | 2            |              |
| CN1                                      | E 48000690 | Connector   | TCS7960-53-2010 | 1            | 1            |
| CN2                                      | E 48000940 | Connector   | 53014-0210      | 1            | 1            |

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| Ref. No | Parts No.  | Description                      | CBM1000<br>R | CBM1000<br>P |
|---------|------------|----------------------------------|--------------|--------------|
| CN3     | E 48000945 | Connector 53313-3015             | 1            | 1            |
| CN4     | E 48000755 | Connector 53014-0310             | 1            | 1            |
| CN5     | E 48000765 | Connector 53015-0510             | 1            | 1            |
| CN6     | E 48000955 | Connector S6B-PH-K-S             | 1            | 1            |
| CN7     | E 48000930 | Connector 53015-0610             | 1            | 1            |
| CN8     | E 48000755 | Connector 53014-0310             | (1)          | (1)          |
| CN9     | E 48000950 | Connector 53014-0710             | 1            | 1            |
| CN10    | E 48000705 | Connector TM5RJ3-66              | 1            | 1            |
| CN11    | E 48000640 | Connector 17LE-13250-27 (D3AC)   | (1)          |              |
|         | E 48000645 | or 17LE-13250-27 (D3CC)          | (JPN,EUR)    |              |
| CN11    | E 48000830 | Connector 57RE-40360-730B (D29A) | (1) (USA)    | 1            |
| S1      | E 4003-630 | SW. SF-W1P1A-01BB2               | 1            | 1            |
| F1      | E 4005-840 | Fuse MS4                         | 1            | 1            |
| F2      | E 4005-770 | Fuse MO1.5                       | 1            | 1            |
| F3      | E 4005-815 | Fuse 251.500                     | 1            | 1            |
| X1      | E 501-430  | X'tal CSTCV20.00MXJ040           | 1            | 1            |
| PCB     |            | PCB 1000-01                      | 1            |              |
| PCB     |            | PCB 1000-02                      |              | 1            |
|         |            | ROM Label PLD-21                 | 1            | 1            |