

## 5. SERVICE PARTS LIST

### 5.1 Parts List for Mechanism

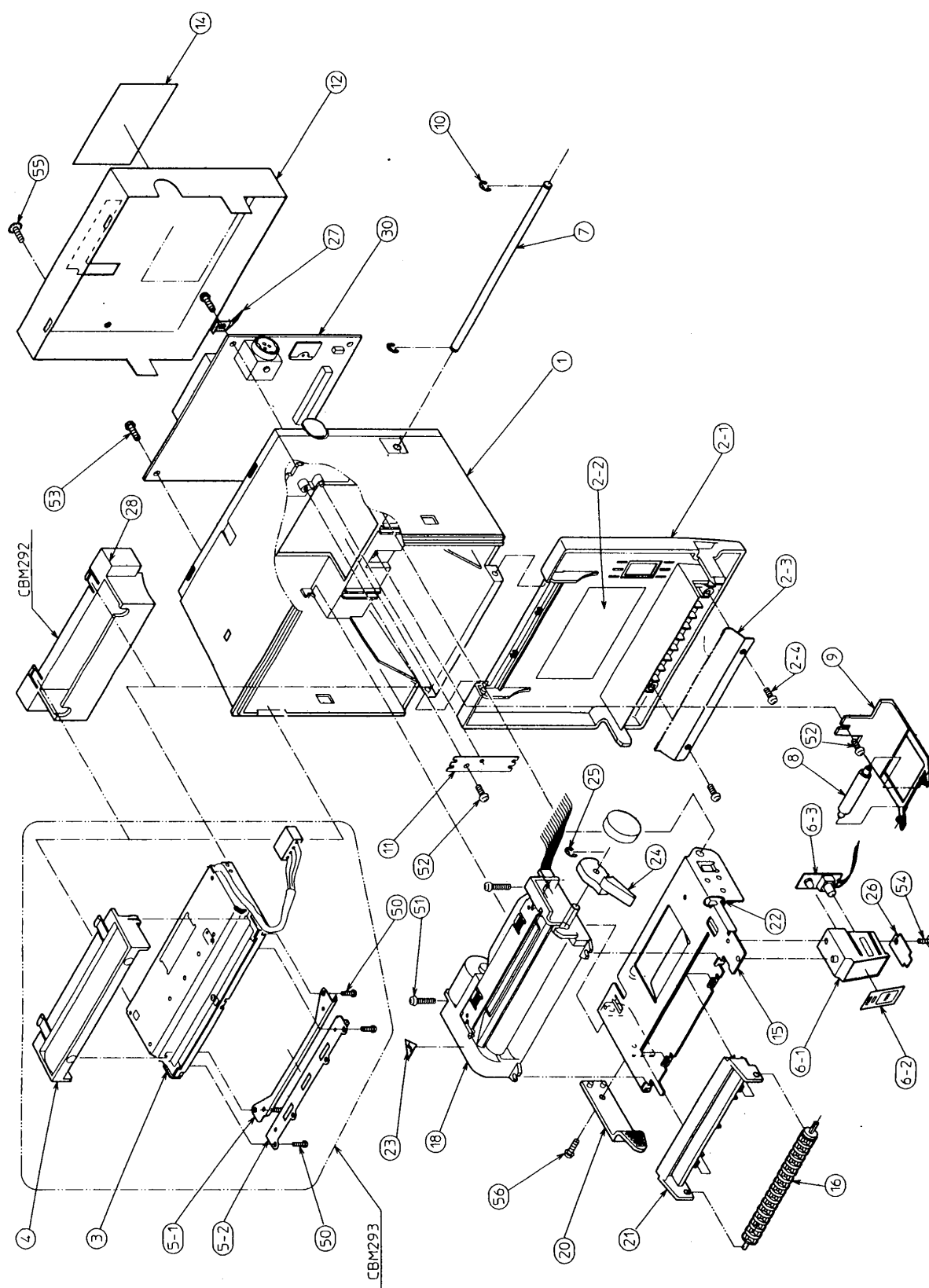
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| Ref. No. | Parts No.  | Description         | CBM-292 | CBM-293 |
|----------|------------|---------------------|---------|---------|
| 1        | E 6210-020 | Case                | 1       | 1       |
| 2        | E 6200-680 | Front panel         |         | 1       |
|          | E 6200-690 | Front panel         | 1       |         |
| 2 - 2    |            | Label Paper set     |         |         |
| 2 - 3    | E 6220-630 | Paper cutter        | 1       |         |
| 2 - 4    | 23G66725   | Screw M2.6x5        | 2       |         |
| 3        | ACS231     | Auto cutter ACS-231 |         | 1       |
| 4        | E 8022-110 | PF guide            |         | 1       |
| 5 - 1    | E 8010-270 | Mouth plate         |         | 1       |
| 5 - 2    | E 8010-270 | Mouth plate F2      |         | 1       |
| 6 - 1    | E 4019-220 | OP block            | 1       | 1       |
| 6 - 2    | E 5200-310 | OP sheet            | 1       | 1       |
| 6 - 3    | E 40000210 | OP PCB assy         | 1       | 1       |
|          | E 4900-410 | Harness CA212-9     | 1       | 1       |
|          | E 5102-490 | Switch SKHHBV       | 1       | 1       |
|          | E 480-330  | LED SEL2110S        | 1       | 1       |
| 7        | E 6233-120 | Shaft               | 1       | 1       |
| 8        | E 6233-080 | Roller              | 1       | 1       |
| 9        | E 6233-090 | Roller holder       | 1       | 1       |
| 10       | E 3        | E ring E 3          | 2       | 2       |
| 11       | E 4035-810 | Cutter earth plate  |         | 1       |
| 12       | E 6310-040 | Rear cover          | 1       | 1       |
| 14       |            | Rating label        |         |         |
| 15       | E 6601-360 | Base plate          | 1       | 1       |
| 16       | E 6612-080 | PF roll             | 1       | 1       |
| 18       | LT381H     | Printer LT-381H     | 1       | 1       |
| 20       | E 8029-030 | Lever               | 1       | 1       |
| 21       | E 8028-030 | Paper guide         | 1       | 1       |
| 22       | E 8035-010 | Wire band           | 1       | 1       |
| 23       |            | Label Hot           |         |         |
| 24       | E 8032-100 | Head up lever       | 1       | 1       |
| 25       | E 2.5      | E ring E 2.5        | 1       | 1       |
| 26       | E 8003-020 | OP plate            | 1       | 1       |
| 27       | E 4035-790 | FG plate            | 1       | 1       |
| 28       | E 8022-100 | PF guide 292        | 1       |         |

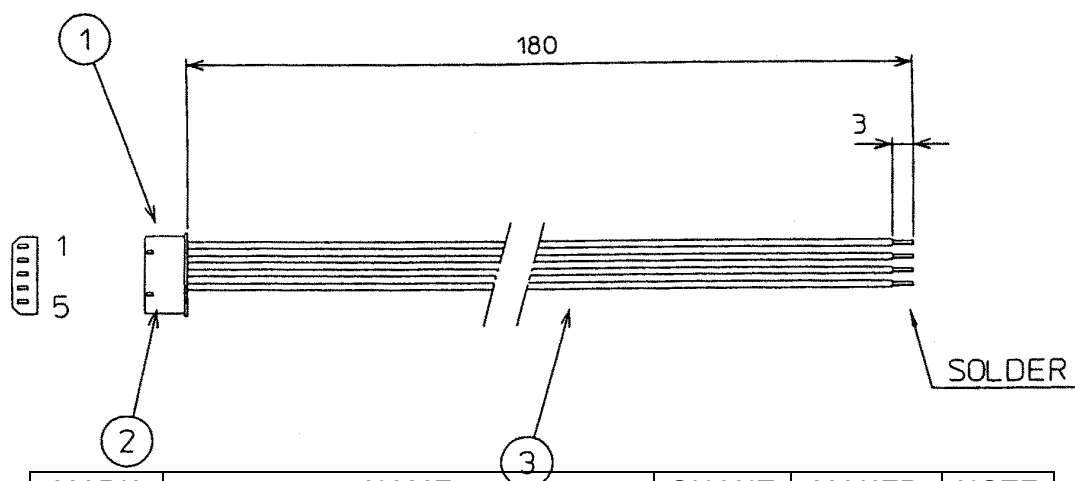
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| Ref. No. | Parts No.  | Description            | CBM-292 | CBM-293 |
|----------|------------|------------------------|---------|---------|
| 63       | E 4900-460 | Cord assy      CA212-5 | 1       | 1       |
|          | E 6233-130 | Mounting BRT           | 1       | 1       |
|          | 23G22294   | Screw      M3x12       | 2       | 2       |
|          | 30AD       | Adaptor                | 1       | 1       |
|          | E 6100-750 | AC cord      for 230V  | 1       | 1       |
|          | E 6100-750 | AC cord      for 120V  | 1       | 1       |

## 5.2 Disassembly Drawing



## 5.2.1 Drawing for Harness CA212-9

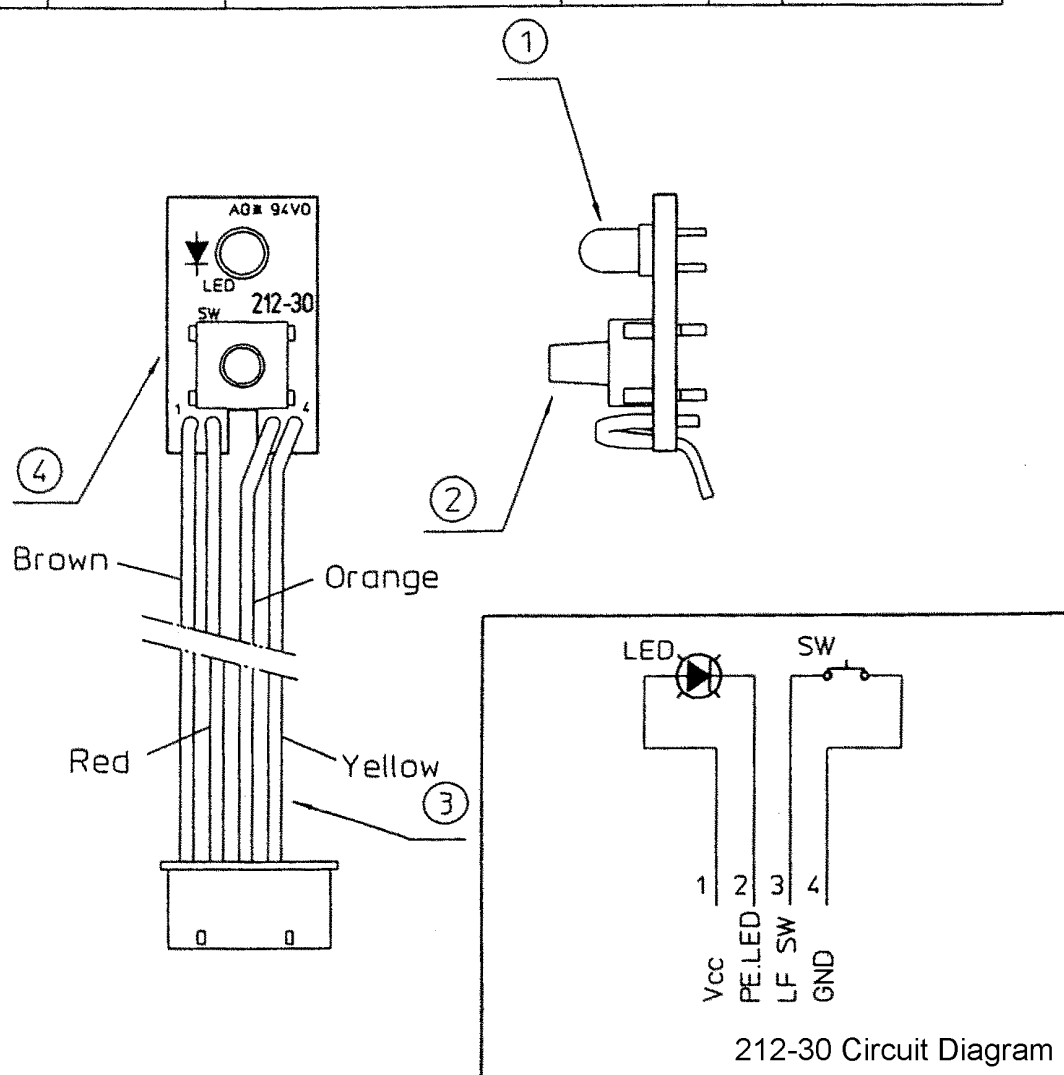


| MARK | NAME                       | QUANT | MAKER | NOTE |
|------|----------------------------|-------|-------|------|
| 1    | HOUSING 51021-0500         | 1     | MOLEX |      |
| 2    | TERMINAL 50058-8100        | 4     | MOLEX |      |
| 3    | WIRE UL1061 CSA AWM AWG#28 | 4     |       |      |

| PIN No. | 1     | 2                 | 3      | 4              | 5 |
|---------|-------|-------------------|--------|----------------|---|
| COLOR   | BROWN | <del>YELLOW</del> | ORANGE | <del>RED</del> |   |
|         |       | RED               |        | YELLOW         |   |

## 5.2.2 Drawing for OP Panel Assy 212-30

| MARK | PICT No. | PART No. | NAME              | MAKER      | QUANT | NOTE |
|------|----------|----------|-------------------|------------|-------|------|
| ①    | SEC-2255 |          | LED SEL2110S      | Sanken     | 1     |      |
| ②    |          |          | Switch SKHHBV     | ALPS       | 1     |      |
| ③    |          |          | Code Assy CA212-9 | Timex      | 1     |      |
| ④    |          |          | Boad 212-30       | Asahi Gazo | 1     |      |



## 5.3 Parts List for Control Board

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| Ref. No.                  | Parts No.   | Description                 |                | CBM-292 | CBM-293 |
|---------------------------|-------------|-----------------------------|----------------|---------|---------|
|                           | E 77001-190 | PCB Assy                    |                | 1       |         |
|                           | E 77001-200 | PCB Assy                    |                |         | 1       |
| IC 1                      | 202PC-02A   | CPU                         | 202PC-02A      | 1       | 1       |
| IC 2                      | E 104-530   | Gate array                  | 202LA-00       | 1       | 1       |
| IC 3                      | E 107-330   | RAM                         | TC55257DFL-55L | 1       | 1       |
| IC 4                      | E 210-070   | HC MOS                      | 74HC04AF       | 1       | 1       |
| IC 5                      | E 210-130   | Reset IC                    | M51953BPF-600C | 1       | 1       |
| IC 6                      | E 210-120   | I/F IC                      | SP232ACN       | 1       | 1       |
| IC 7                      | E 4101-720  | DC-DC conv.                 | SI-8401L       | 1       | 1       |
| Tr 1                      | E 358-080   | Transistor                  | RN1302         | 1       | 1       |
| Tr 3                      | E 358-090   | Transistor                  | 2SJ267-FD13    | 1       | 1       |
| Tr 4,5                    | E 359-190   | Transistor                  | 2SC2712-GR     | 2       | 2       |
| TA 1                      | E 202-890   | Tr. array                   | LB1650         | 1       | 1       |
| TA 2                      | E 202-830   | Tr. array                   | TA8428K        | 1       | 1       |
| D 1-9                     | E 400-600   | Diode                       | S1G-GI1        | 9       | 9       |
| X 1                       | E 501-370   | X'tal<br>CSTCS16.00MX0C3-TC |                | 1       | 1       |
| C 1                       | E 2230-230  | El. cap.                    | KMF16VB-470M   | 1       | 1       |
| C 2                       | E 2230-240  | El. cap.                    | KMF35VB-220M   | 1       | 1       |
| F 1                       | E 4005-815  | Fuse                        | 251.500        | 1       | 1       |
| F 2                       | E 4005-     | Fuse                        | MS3            | 1       | 1       |
| FB 1,2                    | E 4009-280  | Fe. beads                   | BL02RN2-R62    | 2       | 2       |
| L 1                       | E 4009-480  | Fe. beads                   | BLM41P 600S    | 1       |         |
| L 17,18                   | E 4009-480  | Fe. beads                   | BLM41P 600S    |         | 2       |
| L 4-16,21-41<br>101       | E 4009-490  | Fe. beads                   | BLM21A121S     | 35      |         |
| L 4-16,21-41<br>19,20,101 | E 4009-490  | Fe. beads                   | BLM21A121S     |         | 37      |
| DS 1                      | E 5103-510  | Dip SW.                     | KSD-08         | 1       | 1       |

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| Ref. No.                               | Parts No.  | Description |                 | CBM-292 | CBM-293 |
|----------------------------------------|------------|-------------|-----------------|---------|---------|
| CN 1                                   | E 48000610 | Connector   | 5597-30CPB      | 1       | 1       |
| CN 3                                   | E 48000615 | Connector   | 53047-0410      | 1       | 1       |
| CN 4                                   | E 48000635 | Connector   | 53047-0610      | 1       | 1       |
| CN 5                                   | E 48000785 | Connector   | LY20-40P-DT1-P5 | 1       | 1       |
| CN 6                                   | E 4800-945 | Connector   | 5267-04AX       | 1       | 1       |
| CN 7                                   | E 48000690 | Connector   | TCS7960-53-2010 | 1       | 1       |
| OP 1                                   | E 48000775 | Connector   | 53047-0510      | 1       | 1       |
| R1,2,23,32,34                          |            | Chip Re.    | RK73K 3.3KJ     | 5       | 5       |
| R 3                                    |            | Chip Re.    | RK73K 100 J     | 1       | 1       |
| R 6-9,11-14<br>17,19-21,27<br>28,35-37 |            | Chip Re.    | RK73K 10K J     | 17      | 17      |
| R 10                                   |            | Chip Re.    | RK73K 6.8KJ     | 1       | 1       |
| R 15                                   |            | Chip Re.    | RK73K 180 J     | 1       | 1       |
| R 16                                   |            | Chip Re.    | RK73K 220 J     | 1       | 1       |
| R 18                                   |            | Chip Re.    | RK73K 33K J     | 1       | 1       |
| R 22,24,38                             |            | Chip Re.    | RK73K 1K J      | 3       | 3       |
| R 25,26                                |            | Chip Re.    | RK73K 330 J     | 2       | 2       |
| R 33                                   |            | Chip Re.    | RK73K 4.7K J    | 1       | 1       |
| C 4,6,108                              |            | C. Cap.     | GRM40B102K50    | 3       |         |
| C 4,6,8,108                            |            | C. Cap.     | GRM40B102K50    |         | 4       |
| C 5,7,9-14,86<br>91-93                 |            | C. Cap.     | GRM40F104Z50    | 25      | 25      |
| CP-6,101-107                           |            |             |                 |         |         |
| C 17,79                                |            | C. Cap.     | GRM40B471K50    | 2       | 2       |
| C 51-77                                |            | C. Cap.     | GRM40CH470J50   | 27      | 27      |
| C 78,80-85                             |            | C. Cap.     | GRM40CH101J50   | 7       | 7       |
| C 87-90                                |            | C. Cap.     | GRM40B331K50    | 4       | 4       |