

**Note:**

- -XX and -X mean standardized parts, so they may have some difference from the original one.
- Items marked “\*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- The mechanical parts with no reference number in the exploded views are not supplied.

- Color Indication of Appearance Parts Example:

KNOB, BALANCE (WHITE) . . . (RED)

[illegible]

- Abbreviation

AR : Argentina model

AUS : Australian model

CH : Chinese model

CND : Canadian model

E3 : 240 V AC area in E model

E12 : 220 – 240 V AC area in E model

E32 : 110 – 240 V AC area in E model

E51 : Chilean and Peruvian models

EA : Saudi Arabia model

MX6 : Latin-American model

PX : PX model

RU : Russian model

SAF : South African model

SP : Singapore model

TH : Thai model

TW : Taiwan model

The components identified by mark  or dotted line with mark  are critical for safety.

Replace only with part number specified.

Les composants identifiés par une marque  sont critiques pour la sécurité.

Ne les remplacer que par une pièce portant le numéro spécifié.

原理图和零件清单中标有△记号的零部件,或带有△记号的虚线所圈示的零部件,对于维系安全至关重要。因此只能以指定号码的零部件来更换。

The components identified by mark  contain confidential information.

Strictly follow the instructions whenever the components are repaired and/or replaced.

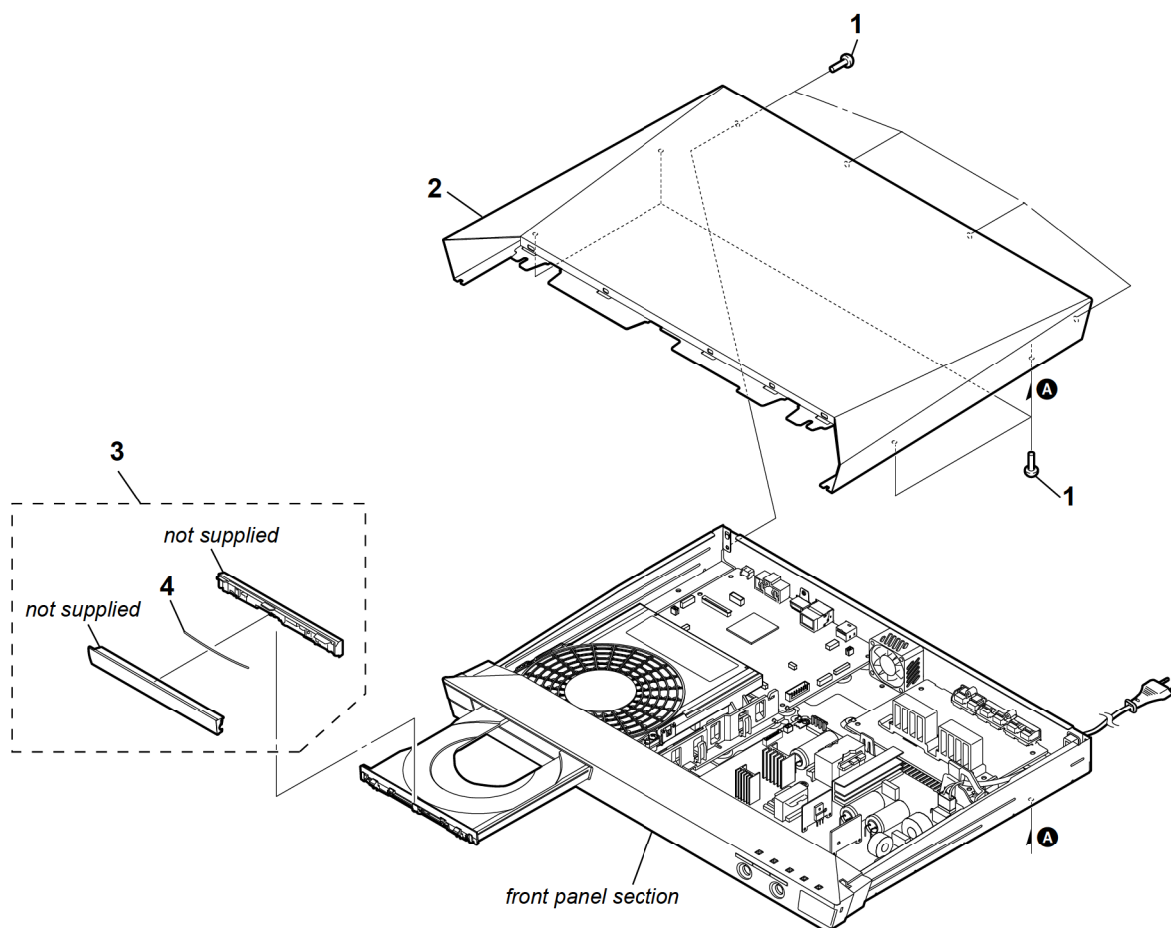
Les composants identifiés par la marque  contiennent des informations confidentielles.

Suivre scrupuleusement les instructions chaque fois qu'un composant est remplacé et / ou réparé.

标识有  的元件包含机密信息。

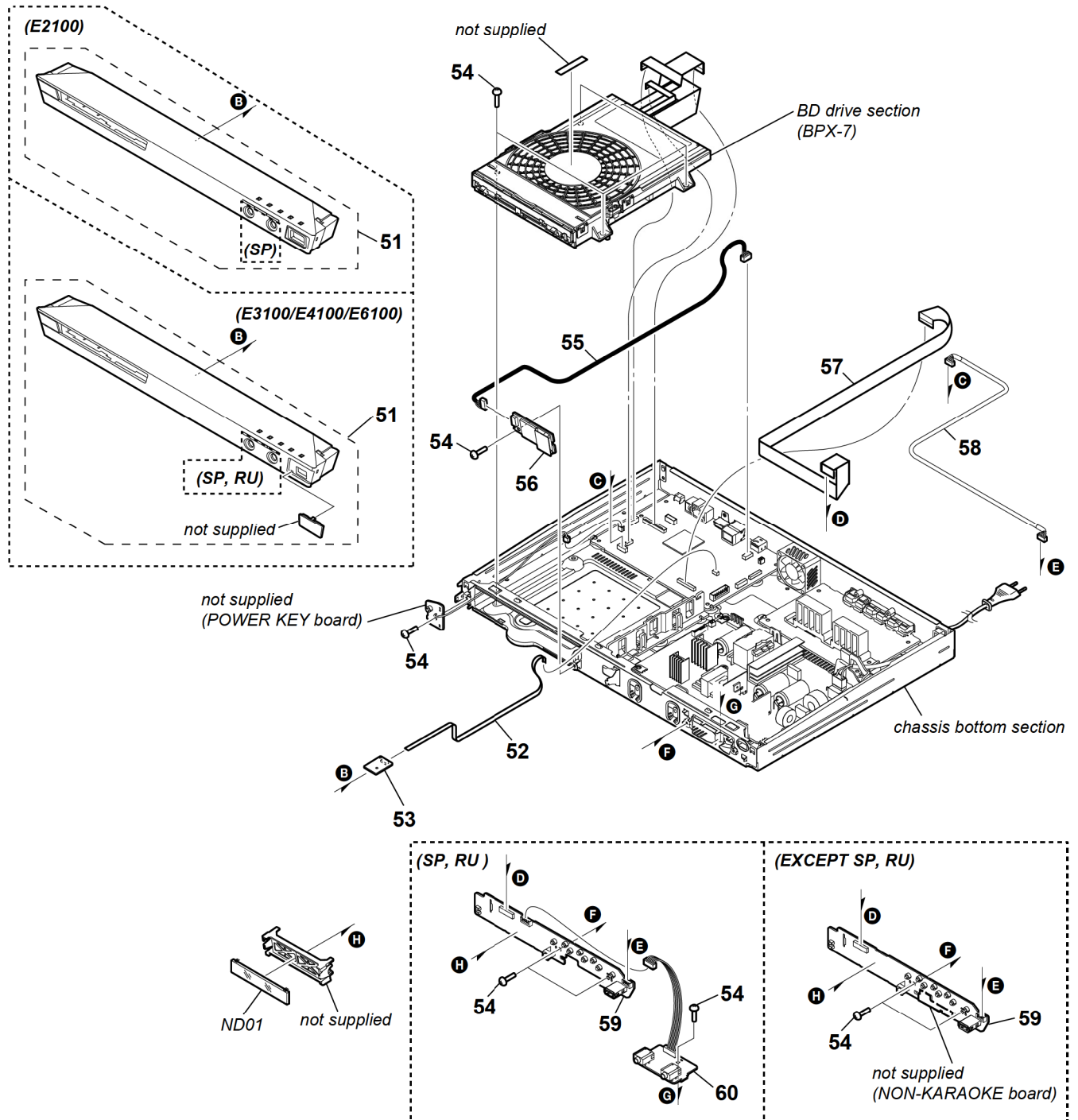
更换或维修元件时请严格遵守指示。

## 7-1. CASE SECTION



| Ref. No. | Part No.     | Description      | Remark | Ref. No. | Part No.     | Description        | Remark |
|----------|--------------|------------------|--------|----------|--------------|--------------------|--------|
| 1        | 3-077-331-71 | +BV3 (3-CR)      |        | 3        | X-2585-804-1 | PANEL LOADING ASSY |        |
| 2        | 4-438-897-02 | CASE (US)        |        | 4        | 4-295-431-01 | SPRING, LOADING    |        |
| 2        | 4-438-897-12 | CASE (EXCEPT US) |        |          |              |                    |        |

## 7-2. FRONT PANEL SECTION

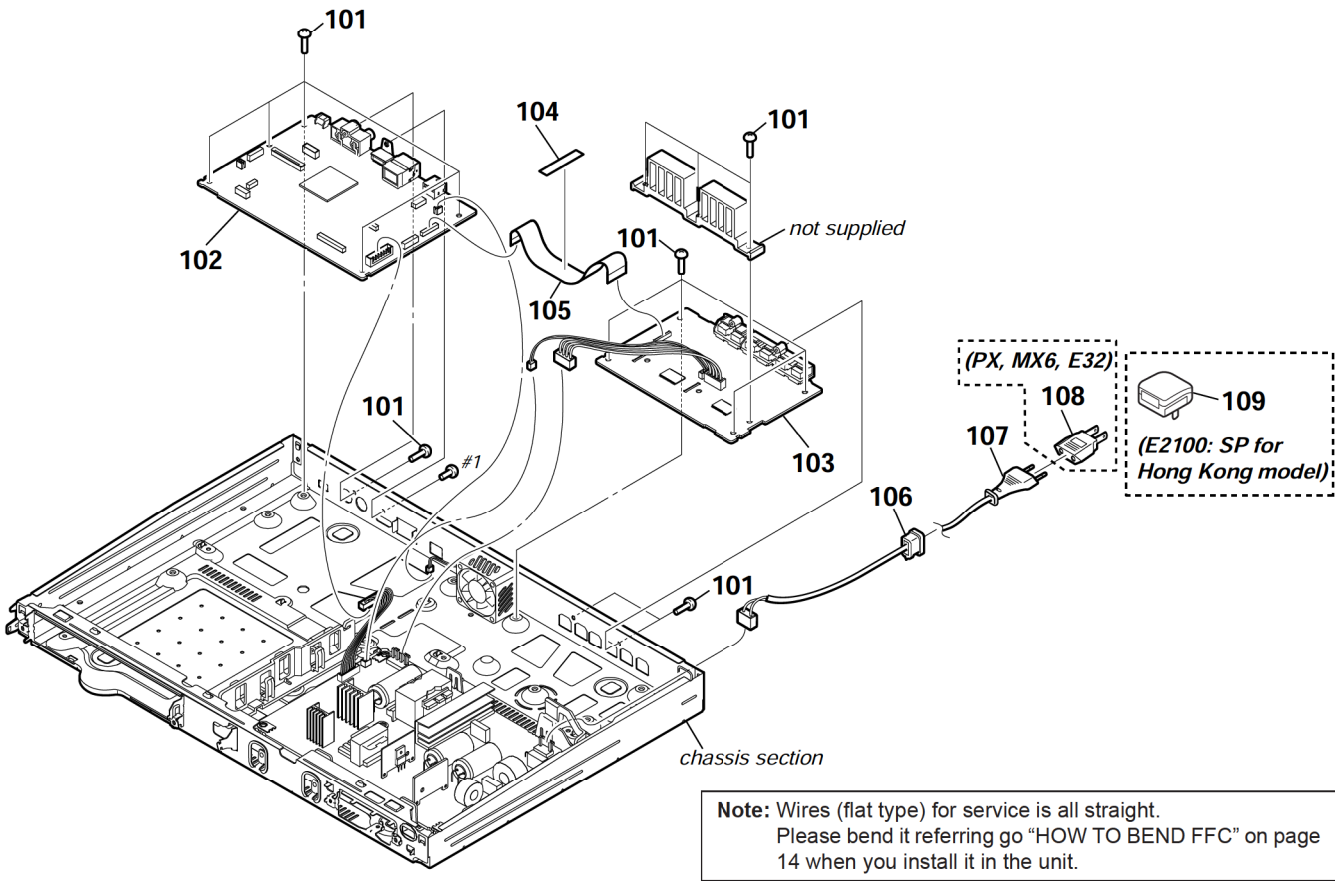


**Note 1:** When replacing the WLAN/BT COMBO card, refer to "CHECKING METHOD OF NETWORK OPERATION" (page 11).

**Note 2:** Wires (flat type) for service is all straight. Please bend it referring go "HOW TO BEND FFC" on page 14 when you install it in the unit.

| Ref. No. | Part No.     | Description                               | Remark | Ref. No. | Part No.     | Description                                | Remark |
|----------|--------------|-------------------------------------------|--------|----------|--------------|--------------------------------------------|--------|
| 51       | X-2585-795-2 | FRONT PANEL ASSY (EJ1) (E2100: EXCEPT SP) |        | 53       | 8-989-470-05 | RC-S801/A5 (WW)                            |        |
| 51       | X-2585-796-2 | FRONT PANEL ASSY (EJ1K) (E2100: SP)       |        | 54       | 3-077-331-71 | +BV3 (3-CR)                                |        |
| 51       | X-2585-797-2 | FRONT PANEL ASSY (EJ2)                    |        | 55       | 1-968-687-12 | HARNESS (USB)                              |        |
|          |              | (E3100: EXCEPT SP, RU)                    |        | 56       | 1-458-601-11 | CARD, WLAN/BT COMBO                        |        |
| 51       | X-2585-798-2 | FRONT PANEL ASSY (EJ2K) (E3100: SP, RU)   |        | 57       | 1-846-376-61 | WIRE (FLAT TYPE) (21 CORE) (SP, RU)        |        |
| 51       | X-2585-799-2 | FRONT PANEL ASSY (EJ4)                    |        |          |              |                                            |        |
|          |              | (E4100: EXCEPT SP, RU)                    |        | 57       | 1-846-377-61 | WIRE (FLAT TYPE) (15 CORE) (EXCEPT SP, RU) |        |
| 51       | X-2585-800-2 | FRONT PANEL ASSY (EJ4K) (E4100: SP, RU)   |        | 58       | 1-969-958-11 | HARNESS (USB)                              |        |
| 51       | X-2585-801-2 | FRONT PANEL ASSY (EJ8)                    |        | 59       | A-1901-384-A | PANEL BOARD, COMPLETE (EXCEPT SP, RU)      |        |
|          |              | (E6100: EXCEPT SP, RU)                    |        | 59       | A-1901-496-A | PANEL BOARD, COMPLETE (SP, RU)             |        |
| 51       | X-2585-802-2 | FRONT PANEL ASSY (EJ8K) (E6100: SP, RU)   |        | 60       | A-1901-498-A | KARAOKE BOARD, COMPLETE (SP, RU)           |        |
| 51       | X-2589-165-1 | FRONT PANEL ASSY (EJ2) MK2 (E3200)        |        |          |              |                                            |        |
| 52       | 1-846-378-51 | WIRE (FLAT TYPE) (8 CORE)                 |        | ND01     | 1-483-460-11 | VACUUM FLUORESCENT DISPLAY                 |        |

### 7-3. CHASSIS BOTTOM SECTION

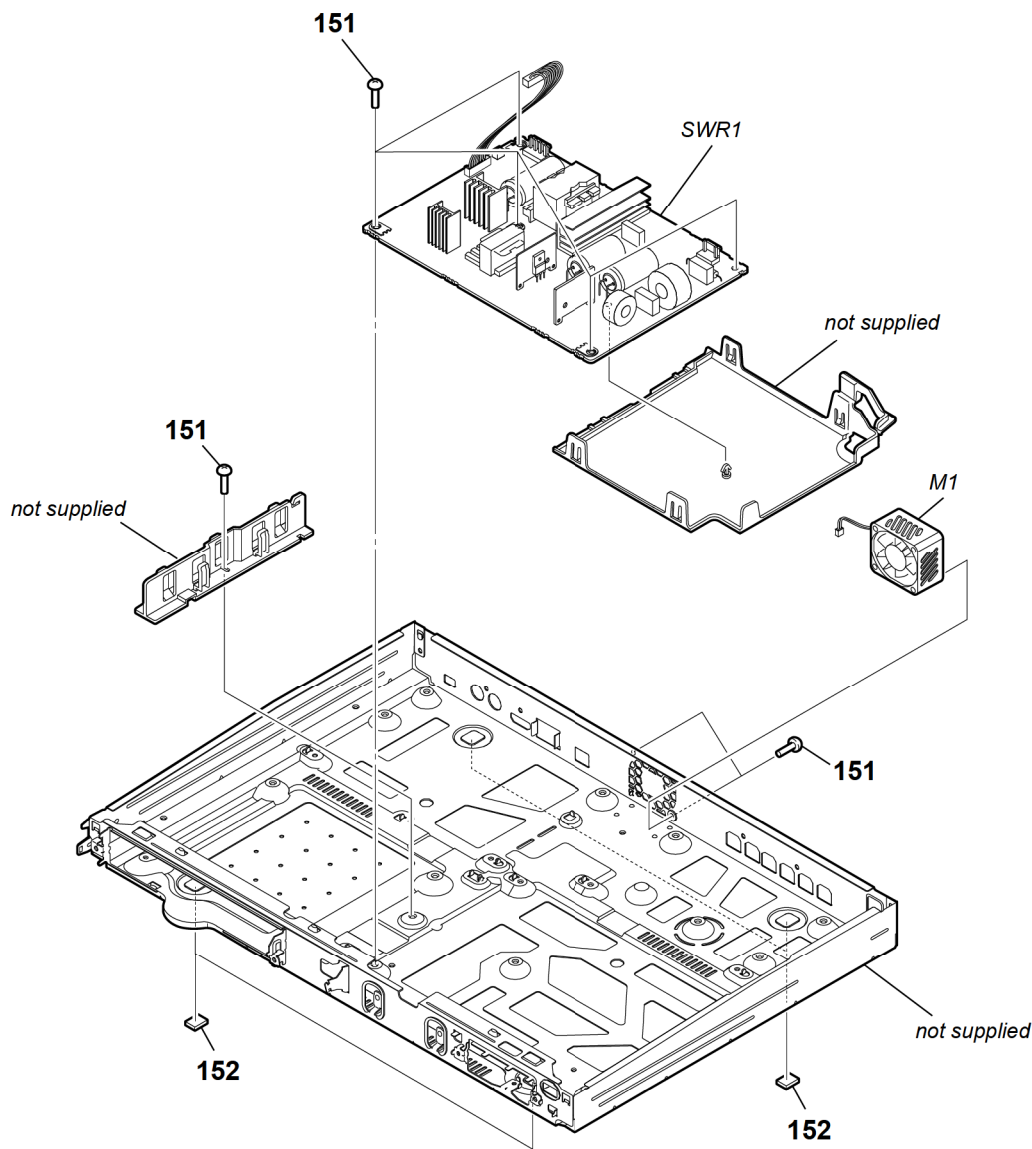


| Ref. No. | Part No.     | Description                          | Remark            | Ref. No. | Part No.     | Description                          | Remark            |
|----------|--------------|--------------------------------------|-------------------|----------|--------------|--------------------------------------|-------------------|
| 101      | 3-077-331-71 | +BV3 (3-CR)                          |                   | 102      | A-1901-764-A | MB1002 BOARD, COMPLETE (for SERVICE) |                   |
| 102      | A-1901-414-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: US)       | 102      | A-1901-794-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: SP)       |
| 102      | A-1901-461-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: CND)      | 102      | A-1901-800-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: TH)       |
| 102      | A-1901-480-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: AEP)      | 102      | A-1902-052-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: E32)      |
| 102      | A-1901-487-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: UK)       | 102      | A-1902-058-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: CND)      |
| 102      | A-1901-506-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: SAF)      | 102      | A-1902-064-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: AEP)      |
| 102      | A-1901-513-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: SP)       | 102      | A-1902-110-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: UK)       |
| 102      | A-1901-526-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: AUS)      | 102      | A-1902-120-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: RU)       |
| 102      | A-1901-532-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: TW)       | 102      | A-1902-140-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: E12)      |
| 102      | A-1901-538-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E2100: E51, MX6) | 102      | A-1902-170-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: E3)       |
| 102      | A-1901-565-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: US)       | 102      | A-1902-180-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: EA)       |
| 102      | A-1901-575-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: CND)      | 102      | A-1902-234-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: SP)       |
| 102      | A-1901-651-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: E3)       | 102      | A-1902-240-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: CH)       |
| 102      | A-1901-657-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: SAF)      | 102      | A-1902-248-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: TH)       |
| 102      | A-1901-689-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E3100: EA)       | 102      | A-1902-254-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: TW)       |
|          |              |                                      |                   | 102      | A-1902-254-A | MB1002 BOARD, COMPLETE (for SERVICE) | (E4100: E51, MX6) |

– Continued on next page –

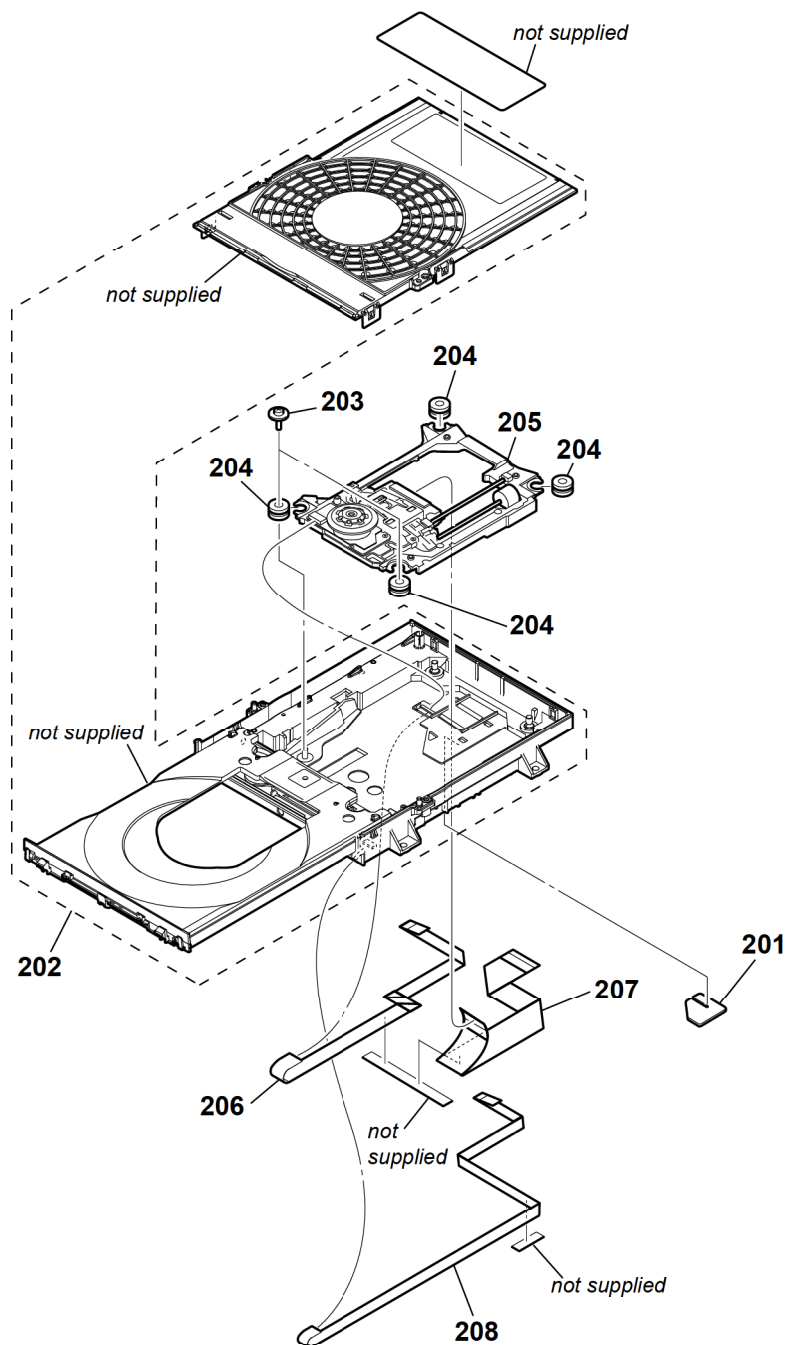
| Ref. No. | Part No.     | Description                             | Remark                                    |
|----------|--------------|-----------------------------------------|-------------------------------------------|
| 102      | A-1902-260-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: CND)                              |
| 102      | A-1902-269-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: AEP)                              |
| 102      | A-1902-276-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: RU)                               |
| 102      | A-1902-311-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: E3)                               |
| 102      | A-1902-325-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: SAF)                              |
| 102      | A-1902-337-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: EA)                               |
| 102      | A-1902-343-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: SP)                               |
| 102      | A-1902-351-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: AUS)                              |
| 102      | A-1902-357-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: TH)                               |
| 102      | A-1918-063-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E3100: UK)                               |
| 102      | A-1918-079-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: TW)                               |
| 102      | A-1921-463-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E2100: PX)                               |
| 102      | A-1943-338-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E2100: E3)                               |
| 102      | A-1964-709-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E4100: AR)                               |
| 102      | A-1972-053-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E6100: CH)                               |
| 102      | A-1994-882-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E2100: AR)                               |
| 102      | A-2009-289-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E3200)                                   |
| 102      | A-2045-555-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E3100: RU)                               |
| 102      | A-2060-242-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E4100: E51)                              |
| 102      | A-2060-250-A | MB1002 BOARD, COMPLETE (for SERVICE)    | (E2100: E51)                              |
| 103      | A-1901-382-A | AMP BOARD, COMPLETE (EXCEPT US)         |                                           |
| 103      | A-1924-824-A | AMP BOARD, COMPLETE (US)                |                                           |
| 104      | 4-214-276-01 | TAPE                                    |                                           |
| 105      | 1-846-375-51 | WIRE (FLAT TYPE) (24 CORE)              |                                           |
| 106      | 4-966-267-12 | BUSHING (FBS001), CORD                  |                                           |
| 107      | 1-834-966-41 | POWER-SUPPLY CORD                       | (AEP, E3, E51, SAF, SP, E32, RU, MX6, PX) |
| 107      | 1-835-068-21 | CORD, POWER (AUS)                       |                                           |
| 107      | 1-837-308-11 | CORD, POWER-SUPPLY (US, CND)            |                                           |
| 107      | 1-837-312-11 | CORD, POWER-SUPPLY (AR)                 |                                           |
| 107      | 1-837-345-11 | CORD, POWER-SUPPLY (TW)                 |                                           |
| 107      | 1-837-822-21 | CORD, POWER-SUPPLY (CH)                 |                                           |
| 107      | 1-839-012-11 | CORD, POWER-SUPPLY (E12)                |                                           |
| 107      | 1-839-940-21 | POWER-SUPPLY CORD (TH)                  |                                           |
| 107      | 1-839-999-21 | POWER-SUPPLY CORD (UK, EA)              |                                           |
| 108      | 1-785-504-21 | ADAPTOR, CONVERSION (E51, PX, E32, MX6) |                                           |
| 109      | 1-770-019-71 | ADAPTOR, CONVERSION PLUG 3P             | (E2100: SP for Hong Kong model)           |
| #1       | 7-682-546-09 | SCREW +B 3X5                            |                                           |

7-4. CHASSIS SECTION



| Ref. No. | Part No.     | Description                                                                    | Remark |
|----------|--------------|--------------------------------------------------------------------------------|--------|
| 151      | 3-077-331-71 | +BV3 (3-CR)                                                                    |        |
| 152      | 4-295-590-01 | FOOT                                                                           |        |
| △ M1     | 1-855-244-11 | DC FAN                                                                         |        |
| △ SWR1   | 1-798-453-11 | SWITCHING REGULATOR (3L392W-1)<br>(US, CND, AEP, UK, SAF, SP, TW, AUS, TH, CH) |        |
| △ SWR1   | 1-798-453-21 | SWITCHING REGULATOR (3L392W)<br>(E3, E51, PX, EA, E12, E32, RU, MX6, AR)       |        |

## 7-5. BD DRIVE SECTION (BPX-7)



**Note:** Wires (flat type) for service is all straight.  
Please bend it referring go "HOW TO BEND FFC" on page 14 when you install it in the unit.

| Ref. No. | Part No.     | Description                     | Remark | Ref. No. | Part No.     | Description                   | Remark |
|----------|--------------|---------------------------------|--------|----------|--------------|-------------------------------|--------|
| 201      | 4-295-426-01 | COVER, DRIVE                    |        | 206      | 1-846-349-61 | WIRE (FLAT TYPE) (9 CORE)     |        |
| 202      | A-1850-153-D | LOADING FOR SERVICE (BPX-7)     |        | 207      | 1-846-347-11 | FLEXIBLE FLAT CABLE (45 CORE) |        |
| 203      | 2-345-115-01 | SCREW (S), FLOAT                |        | 208      | 1-846-348-61 | WIRE (FLAT TYPE) (5 CORE)     |        |
| 204      | 4-175-937-31 | INSULATOR                       |        |          |              |                               |        |
| △ 205    | 8-820-452-07 | DEVICE, OPTICAL KEM480AAA/C2RP2 |        |          |              |                               |        |