

WM-DD9

SERVICE MANUAL



US Model
Canadian Model
AEP Model
UK Model
E Model

Refer to MDR-E575 Service Manual issued previously
for information of headphones supplied with this set.

| Model Name Using Similar Mechanism | New Mechanism |
|------------------------------------|---------------|
| Tape Transport Mechanism Type | MT-WMDD9-42 |

SPECIFICATIONS

| | |
|-----------------------------------|---|
| Wow and flutter | $\pm 0.22\%$ W. Peak (DIN) |
| | 0.13% WRMS (NAB) |
| S/N ratio | 48 dB |
| Total harmonic distortion | 1.0% |
| Frequency response (DOLBY NR off) | 20 – 20,000 Hz |
| Output | Earphones jack, load impedance 8 – 300 ohms |
| Power output | 5 mW + 5 mW at DC operation (16 ohms) |
| Power requirements | 1.5 V DC |
| | Rechargeable battery |
| | One R6 (size AA) battery |
| | DC IN 1.5 V jack accepts: |
| | Sony power adaptor (not supplied) |
| | Sony EBP-500B battery case (not supplied) for use |
| | with two R6 (size AA) batteries |
| | Sony DCC-70 car battery cord (not supplied) for |
| | use with 12 V car battery |

Battery life

| Battery | Playback |
|-----------------------------------|-------------------|
| Rechargeable NC-6WM fully charged | Approx. 2.5 hours |
| Sony battery SUM-3 (NS) | Approx. 1 hour |
| Sony alkaline battery AM3 (N) | Approx. 5.5 hours |

For maximum performance, we recommend the use of alkaline batteries.

| | |
|----------------------|--|
| Dimensions | Approx. 76.8 × 108 × 28.3 mm (w/h/d) (3 ¹ / ₈ × 4 ³ / ₈ × 1 ¹ / ₈ inches) not incl. projecting parts and controls Approx. 77.7 × 109.2 × 33.1 mm (w/h/d) (3 ¹ / ₈ × 4 ³ / ₈ × 1 ¹⁵ / ₁₆ inches) incl. projecting parts and controls |
| Weight | Approx. 330 g (12 oz) incl. rechargeable battery not incl. other accessories |
| Accessories supplied | Carrying case (1) Battery charger (1) Rechargeable battery (1) Stereo earphones (open-air type, 1) Earphones case (1) Ear adaptor (2) |


Design and specifications subject to change without notice.

Note: Use only the recommended AC power adaptor or car battery cord
manufactured by Sony.

Polarity of the plugs of other manufacturers may be different.



Dolby noise reduction manufactured under license from
Dolby Laboratories Licensing Corporation.

“DOLBY” and the double-D symbol  are trademarks of
Dolby Laboratories Licensing Corporation.

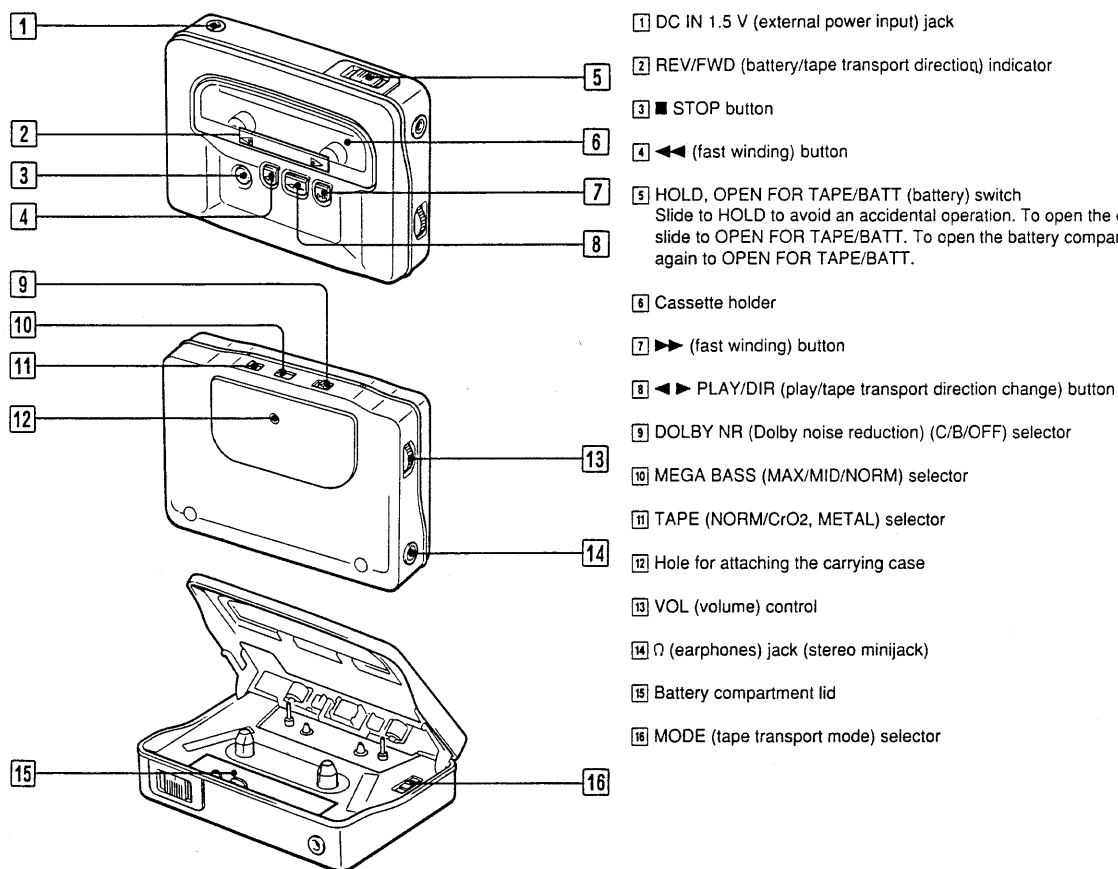
STEREO CASSETTE PLAYER
SONY®



SECTION 1

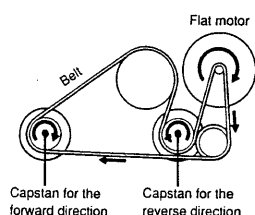
GENERAL

Parts Identification

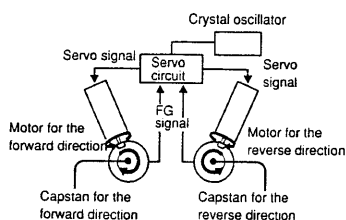


- **Two-motor Disc Drive mechanism and Quartz lock capstan servo** assure accurate and stable tape transport, greatly reducing wow and flutter. One motor is provided for the forward direction and another for the reverse direction. Since the rotation of motors is controlled by the accurate frequency of the quartz servo, distortion of the sound caused by the unit being moved is slight.

Drive system of normal auto-reverse Walkman



Drive system of WM-DD9



Notes on chip component replacement

Never reuse a disconnected chip component.
Notice that the minus side of a tantalum capacitor may be damaged by heat.

Flexible Circuit Board Repairing

- Keep the temperature of the soldering iron around 270 °C during repairing.
Do not touch the soldering iron on the same conductor of the circuit board (within 3 times).
Be careful not to apply force on the conductor when soldering or unsoldering.

SECTION 2

SERVICING NOTES

This set detects reel rotation by the PH701 (photo interrupter). Since the PH701 is mounted on the main board, if the main board is removed, the reel rotation cannot be detected and normal operation is not possible.

In addition, the S702 (FWD HEAD switch) and S703 (REV HEAD switch), which operate in tandem with the lever in the mechanical deck, are also mounted on the main board.

If the main board is removed, power supply for the playback circuit, battery level check and initial reset will not be possible.

Use the following method to perform a check of the mechanical deck operation and the voltage in a state that is the same as when the main board is attached. Be sure at this time to first turn the S505 (OPEN switch) on the sub board to the off state.

Initial reset

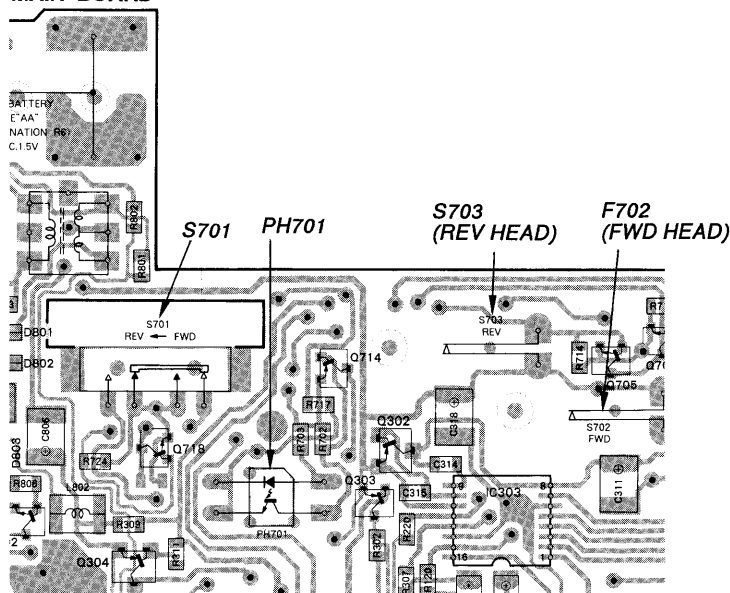
1. Turn S701 to the FWD side and supply power of 1.5 V.
2. Turn on S703 (momentarily). (The P lever (R) will go up and down until it is turned on.)
3. Turn on S702 (momentarily). (The P lever (N) will go up and down until it is turned on.)

This finishes initial reset. The set is now in the standby state for key input.

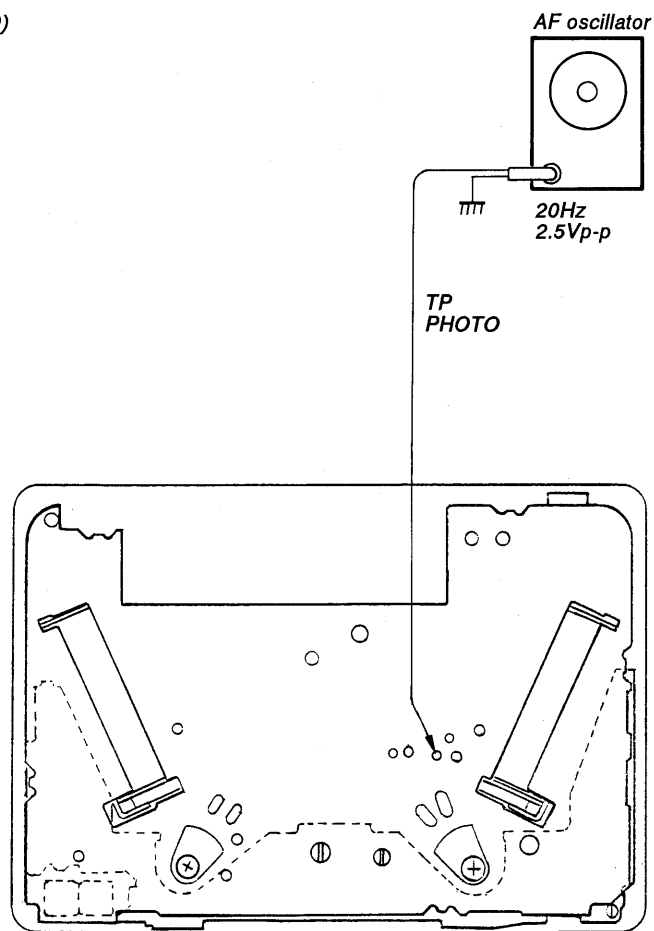
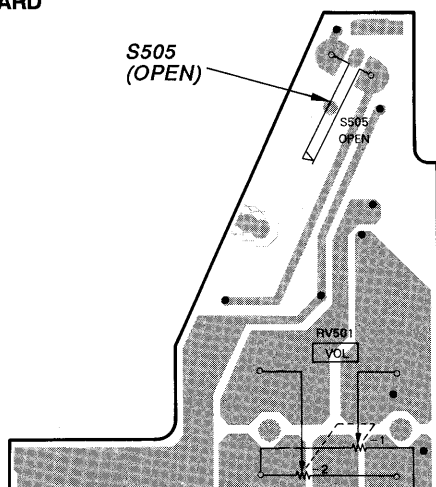
To operate:

1. Perform initial reset.
2. Input a square wave from the AF oscillator.
3. Operational mode:
 - 3-1. FWD mode while S702 is on.
 - 3-2. REV mode while S703 is on (S701 is the REV side).
 - 3-3. FF mode when the ►► key is pressed.
 - 3-4. REW mode when the ◀◀ key is pressed.
4. Return to standby state.
 - 4-1. To return from the FWD mode, turn off S702 and turn S702 on again for about 1 second.
 - 4-2. To return from REV mode, turn off S703 and turn S703 on again for about 1 second.
 - 4-3. To return from the FF or REW mode, press the ■ key.

MAIN BOARD



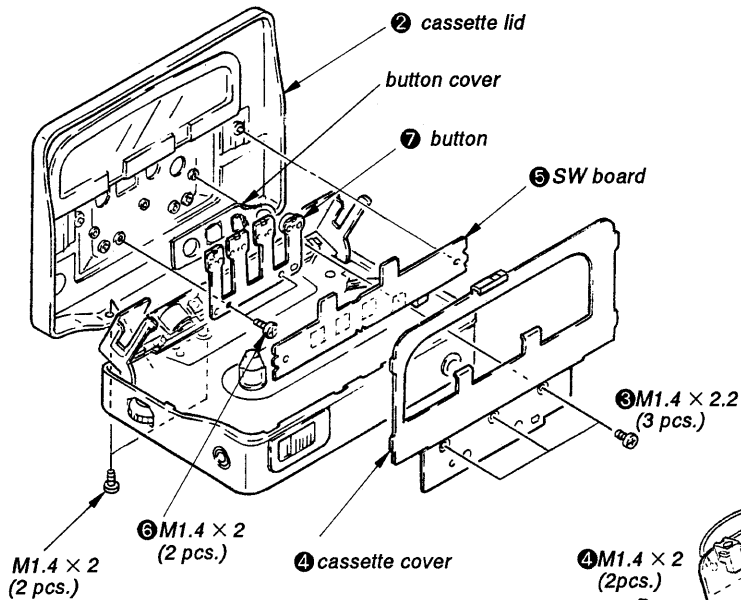
SUB BOARD



SECTION 3 DISASSEMBLY

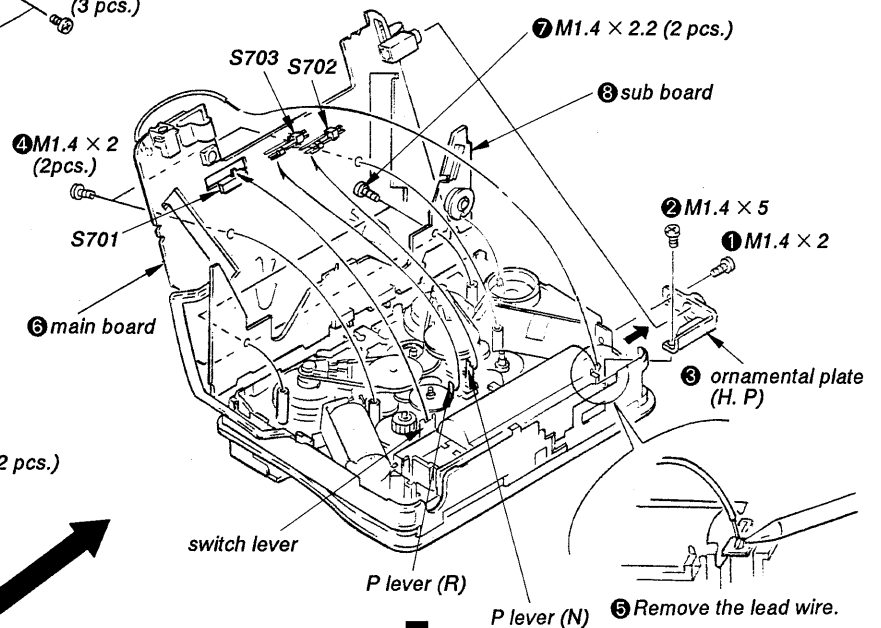
Note: Follow the disassembly procedure in the numerical order given.

CASSETTE LID / SW BOARD

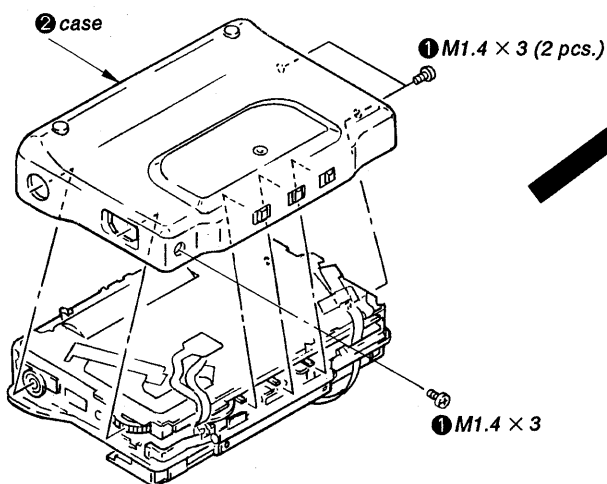


When attaching the main board, put the battery case in an open position and attach with the P levers (N), (R) in a down state and make sure that the P lever (N) is linked with S702 and the P lever (R) is linked with S703.

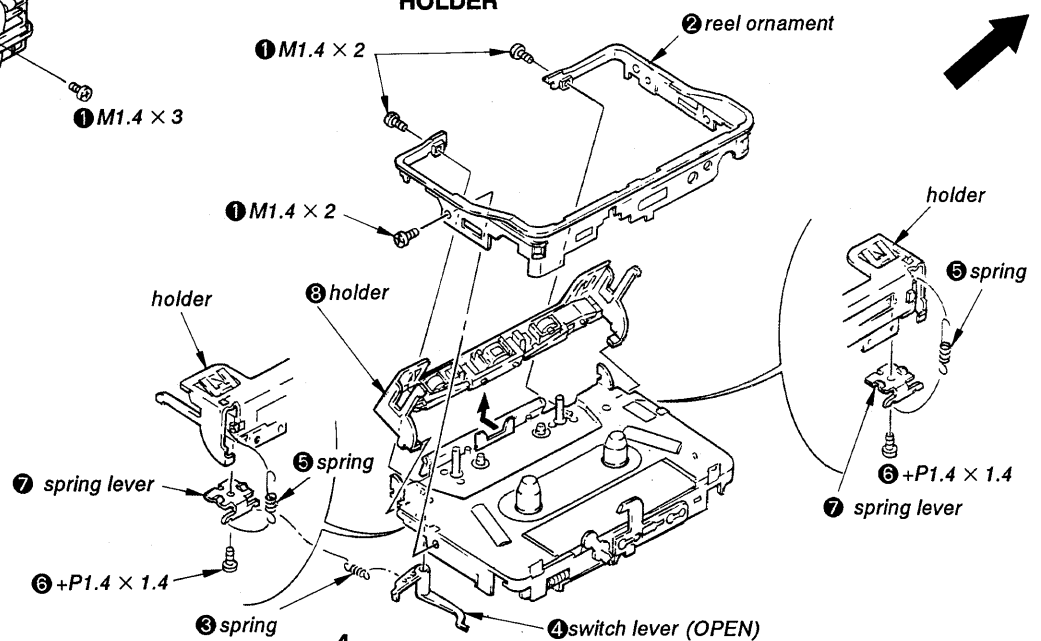
MAIN / SUB BOARD



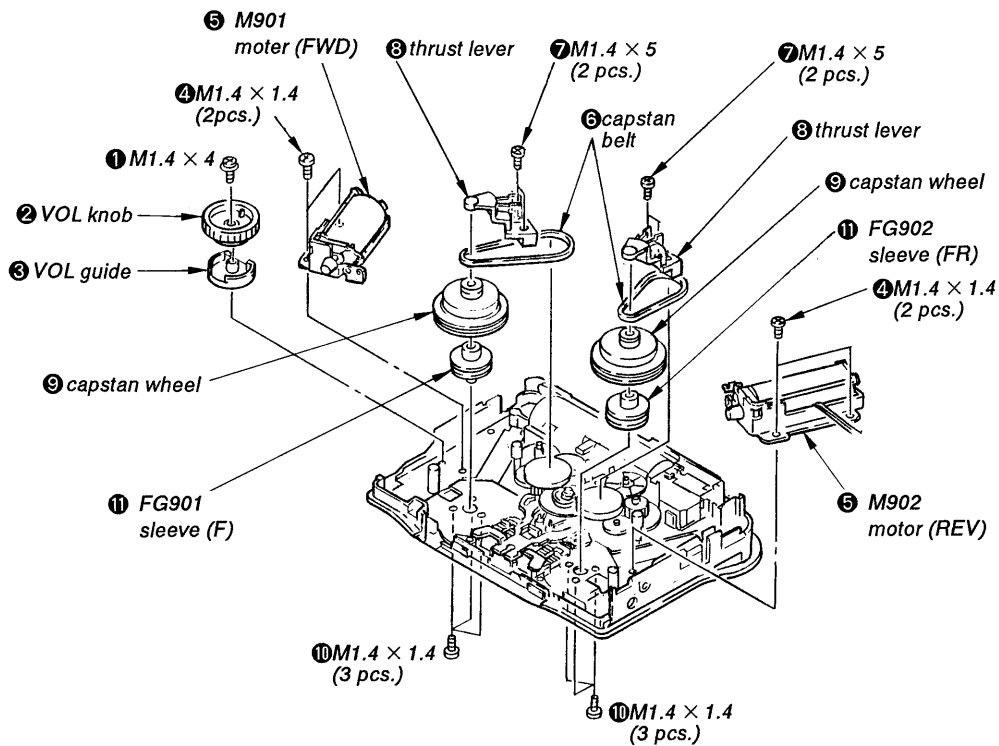
CASE



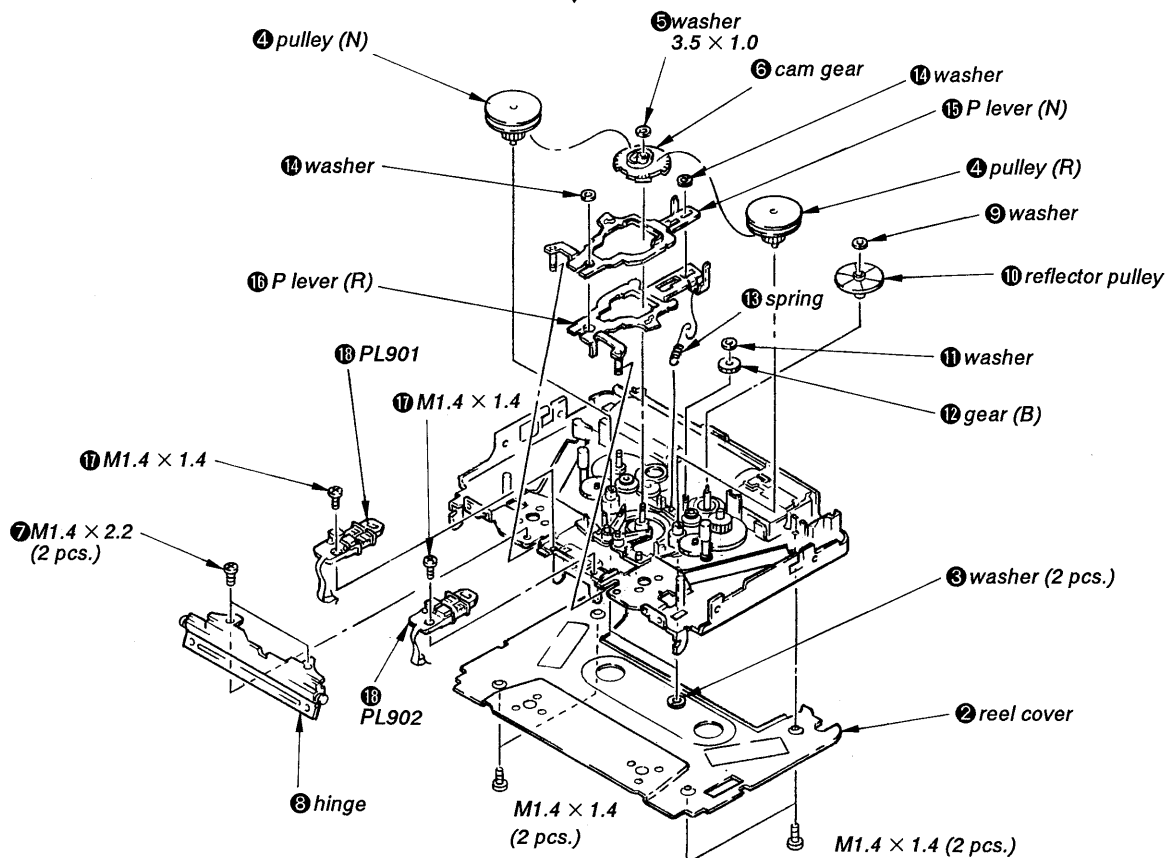
HOLDER



MOTOR (M901, M902), SLEEVE (FG901, FG902)



PLUNGER (PL901, PL902)



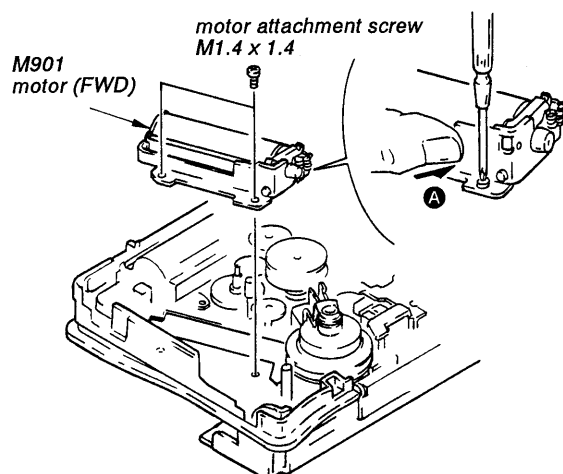
Note on Replacing Motor

After replacing the motor (M901, M902), the capstan wheel and the sleeve (FG901, FG902), be sure to adjust the motor position and adjust for wow and flutter.

Installing the motor.

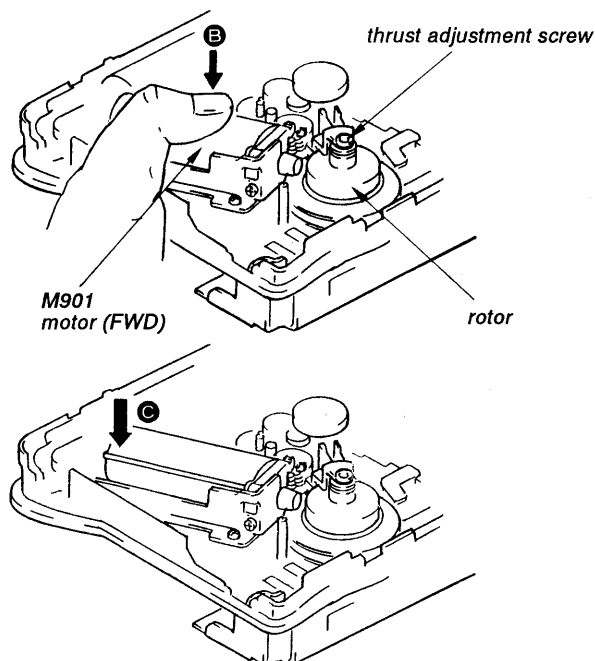
1. Temporarily tighten the motor attachment screw.
2. Tighten the screw while pressing down in the direction shown by the arrow **A**.

Note: Attach M902 (REV) in the same way.



Motor Position Adjustment

1. Loosen the thrust adjustment screws.
2. Tighten the screw while pushing the motor lightly in the direction shown by arrow **B**. Make sure at this time that the thrust play is within 0.1 mm. To check the play, press and release the motor in the direction of arrow **C** and make sure that the motor pulley and rotor rubber section do not contact with each other.
3. After the adjustments, apply suitable locking compound to the thrust adjustment screws.



Note: Adjust in the same way on the M902 (REV) side.

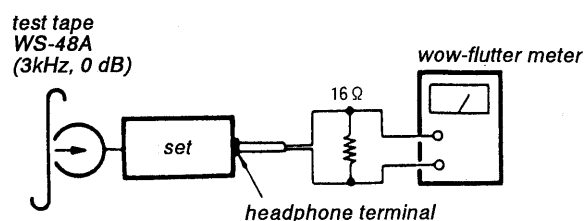
Wow and Flutter Adjustment

Setting:

- Power supply voltage : 1.3 V
- Tape : Use area near end of tape
- VOL knob : Mechanical center
- TAPE switch : NORM
- DOLBY NR switch : OFF
- MEGA BASS switch : NORM

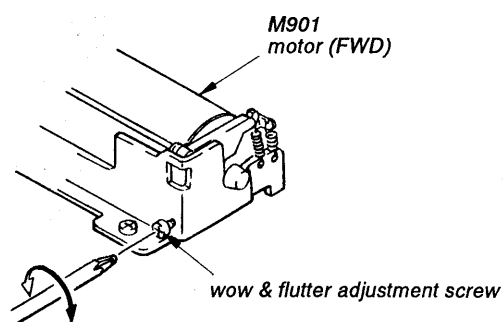
Procedure:

1. Mode : playback



Turn the adjustment screw until the reading on the wow-flutter meter is 0.12% W•RMS or less (minimum value).

2. Confirm that normal PLAY operation is possible at a power supply voltage of 1.0 V.
3. If the conditions in steps 1 and 2 are not satisfied, re-adjust starting with "installing the motor".



Note: Adjust in the same way on the M902 (REV) side.

SECTION 4
ADJUSTMENTS

4-1. MECHANICAL ADJUSTMENT

PRECAUTION

- 1. Clean the following parts with a denatured-alcohol-moistened swab:
 playback head pinch roller
 rubber belts capstan
 idler
- 2. Demagnetize the playback head with a head demagnetizer.
- 3. Do not use a magnetized screwdriver for the adjustments.
- 4. After the adjustments, apply suitable locking compound to the parts adjusted.
- 5. The adjustments should be performed with the rated power supply voltage (1.3V) unless otherwise noted.

Torque Measurement

| Mode | Torque Meter | Meter Reading |
|------------------|--------------|---|
| FWD | CQ-102C | 20 to 40 g•cm (0.28 to 0.55 oz•inch) |
| FWD Back Tension | CQ-102C | 1 to 3.5 g•cm (0.014 to 0.048 oz•inch) |
| REV | CQ-102RB | 20 to 40 g•cm (0.28 to 0.55 oz•inch) |
| REV Back Tension | CQ-102RB | 1 to 3.5 g•cm (0.014 to 0.048 oz•inch) |
| FF, REW | CQ-201B | more than 50 g•cm (more than 0.70 oz•inch) |

Tape Pulling Force Measurement

| Mode | Tension Meter | Meter Reading |
|------|---------------|---------------------------------------|
| FWD | CQ-403A | more than 50 g (more than 1.77 oz) |
| REV | CQ-403R | more than 50 g (more than 1.77 oz) |

4-2. ELECTRICAL ADJUSTMENTS

PRECAUTION

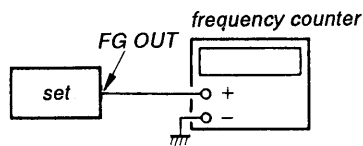
- 1. Power supply voltage: 1.3V
- 2. Switch position
 TAPE switch : NORM
 DOLBY NR switch : OFF
 MEGA BASS switch : NORM

• Test tape

| Type | Signal | User for |
|----------|--------------|---------------------------|
| P-4-L300 | 315 Hz, 0 dB | DOLBY NR lever Adjustment |
| WS-48A | 3 kHz, 0 dB | Tape Speed Adjustment |

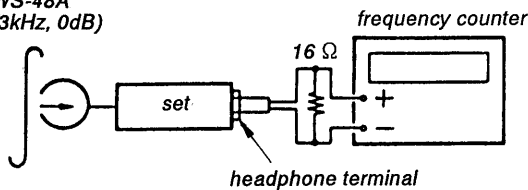
Tape Speed Adjustment

Procedure:



- 1. Open the PLL terminal and set into FF mode. At this time adjust RV601 so that the frequency counter reading is $793 \pm 3\text{Hz}$. (Also check the REW mode).
- 2. Short the PLL terminal and confirm that the frequency counter reading is $769 \pm 1\text{Hz}$ in the FF mode.

test tape
WS-48A
(3kHz, 0dB)



- 3. Play back WS-48A (tape center portion) and confirm that the frequency counter reading is $3,000 \pm 9\text{Hz}$ for both FWD and REV.

Adjustment Location: sub board

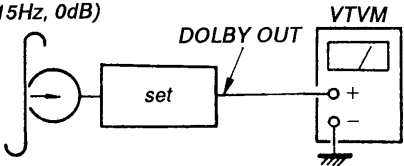
DOLBY NR level Adjustment

DOLBY NR switch : OFF
VOL knob : minimum
MEGA BASS switch : NORM
TAPE B switch : NORM

Procedure:

- 1. Mode : playback

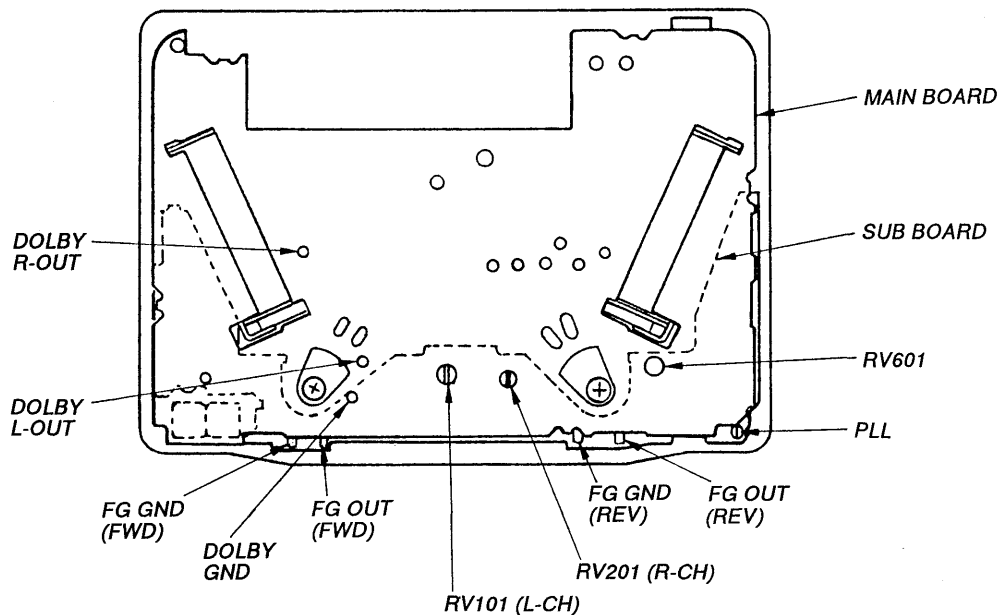
test tape
P-4-L300
(315Hz, 0dB)



- 2. Adjust RV101 (L-CH) and RV201 (R-CH) so that the VTVM reading is $-30.5^{+1.5}_{-0.5}\text{dB}$.

Adjustment Locatin: main board

Adjustment Parts Location Diagram



SECTION 5 DIAGRAMS

5-1. PRINTED WIRING BOARDS

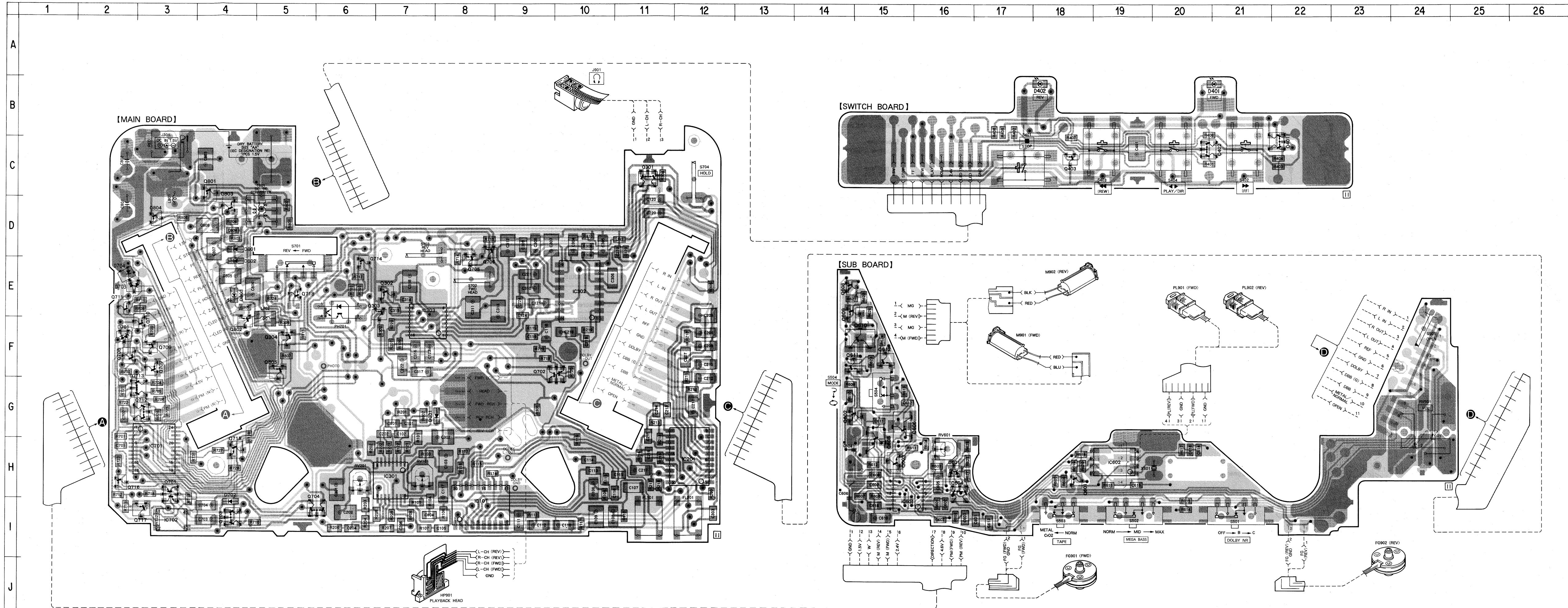
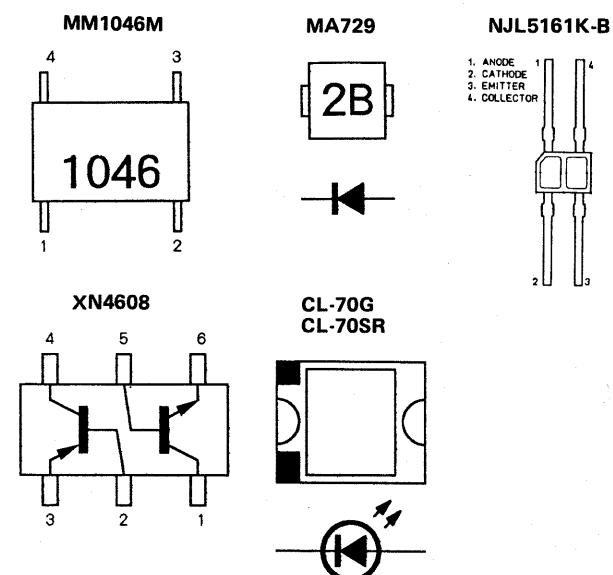
Note:

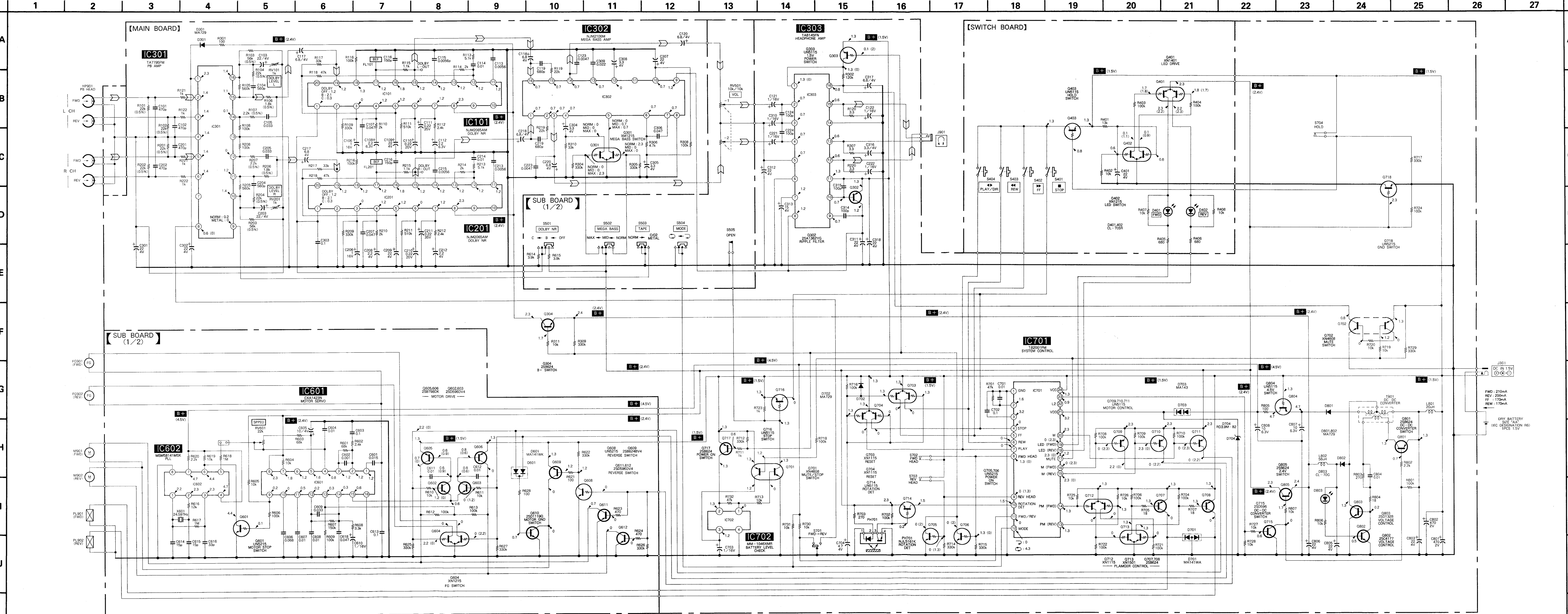
- : parts extracted from the component side.
- : parts extracted from the conductor side.
- : parts mounted on the conductor side.
- : Through hole.
- ▨ : Pattern on the side which is seen.
- : Pattern of the rear side.

Semiconductor Location

| Ref. No. | Location | Ref. No. | Location |
|----------|----------|----------|----------|
| D301 | G-8 | Q603 | H-15 |
| D401 | B-18 | Q604 | H-16 |
| D402 | B-21 | Q605 | H-15 |
| D601 | H-16 | Q606 | G-15 |
| D701 | F-2 | Q608 | E-14 |
| D702 | I-4 | Q609 | E-14 |
| D703 | E-2 | Q610 | F-15 |
| D704 | E-2 | Q611 | F-15 |
| D801 | D-4 | Q612 | F-15 |
| D802 | E-4 | Q701 | H-3 |
| D803 | E-4 | Q702 | F-9 |
| | | Q703 | I-4 |
| | | Q704 | I-6 |
| IC101 | I-8 | Q705 | E-8 |
| IC201 | H-12 | Q706 | D-8 |
| IC301 | H-7 | Q707 | F-3 |
| IC302 | E-10 | Q708 | F-2 |
| IC303 | E-7 | Q709 | F-3 |
| IC601 | I-15 | Q710 | F-3 |
| IC602 | H-19 | Q711 | E-2 |
| IC701 | H-3 | Q712 | G-3 |
| IC702 | I-3 | Q713 | G-3 |
| | | Q714 | E-6 |
| PH701 | F-6 | Q715 | H-4 |
| | | Q716 | H-2 |
| Q301 | C-11 | Q717 | I-3 |
| Q302 | E-7 | Q718 | E-5 |
| Q303 | E-7 | Q801 | C-4 |
| Q304 | F-5 | Q802 | F-4 |
| Q401 | C-22 | Q803 | D-4 |
| Q402 | C-21 | Q804 | D-3 |
| Q403 | C-18 | Q805 | F-5 |
| Q601 | H-18 | | |
| Q602 | G-14 | | |

Semiconductor Lead Layouts





Note:

All capacitors are in μF unless otherwise noted. pF : μF
 50 WV or less are not indicated except for electrolytics
 and tantalums.

• All resistors are in Ω and $\frac{1}{4}$ W or less unless otherwise
 specified.

• % : indicates tolerance.

• B+ : B+ Line.

• : adjustment for repair.

Total current is measured with no cassette installed.

• Power voltage is dc 1.5 V and fed with regulated dc power
 supply from external power voltage jack.

Voltages and waveforms are dc with respect to ground in
 playback mode.

no mark : FWD

() : REV

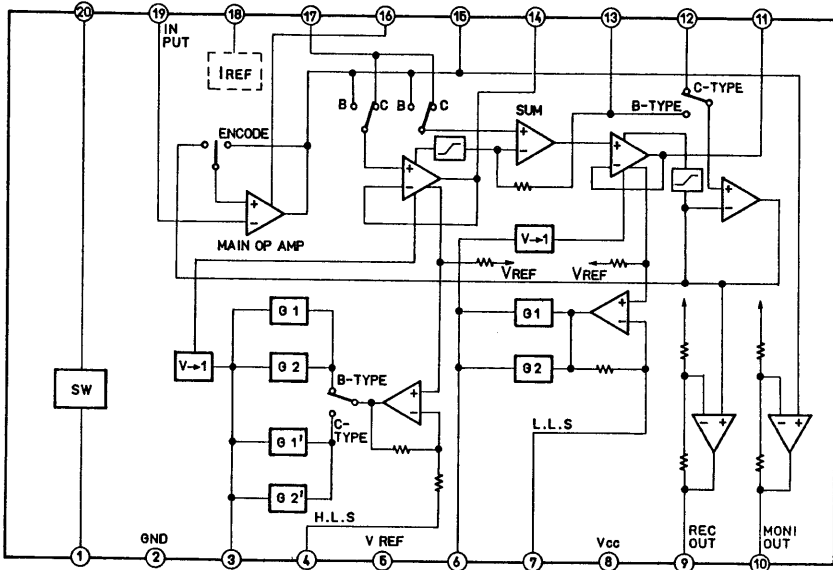
Voltage variations are taken with a VOM (10 MQ/V).

Voltage variations may be noted due to normal production
 tolerances.

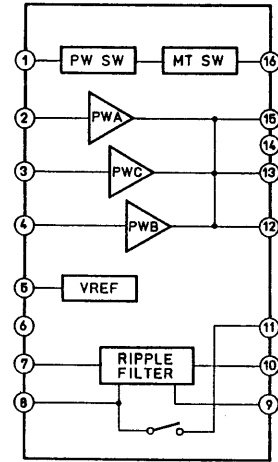
• Signal path.

⊞ : PB

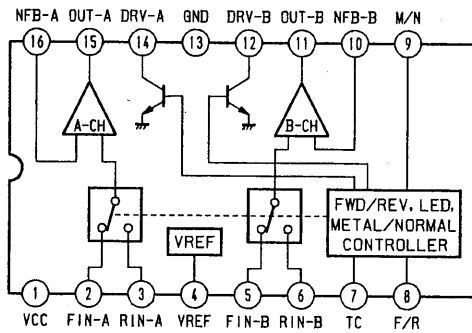
IC BLOCK DIAGRAMS
NJM2065AM (IC101, 201)



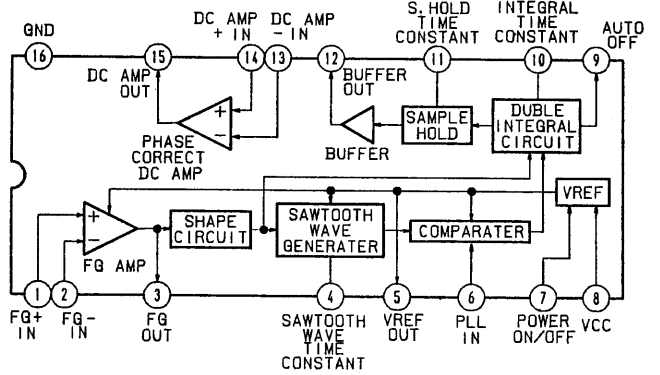
TA8145FN (IC303)



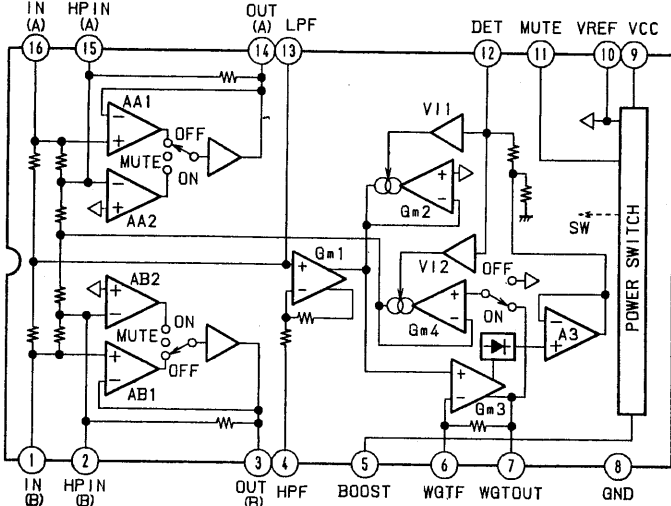
TA7795FN (IC301)



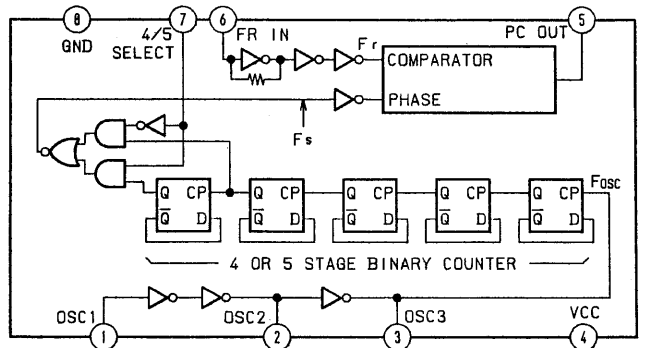
CXA1423N (IC601)



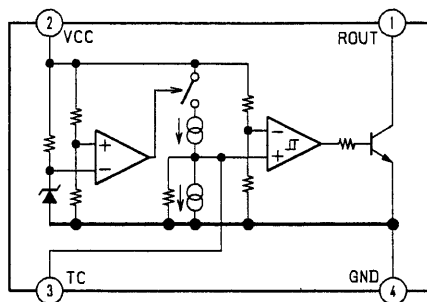
NJM2106M (IC302)



MSM58141MSK (IC602)



MM-1046XMR (IC702)



SECTION 6

EXPLODED VIEWS

NOTE:

- The mechanical parts with no reference number in the exploded views are not supplied.

The construction parts of an assembled part are indicated with a collation number in the remark column.

Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

Due to standardization, parts with part number suffix -XX and -X may be different from the parts specified in the components used on the set.

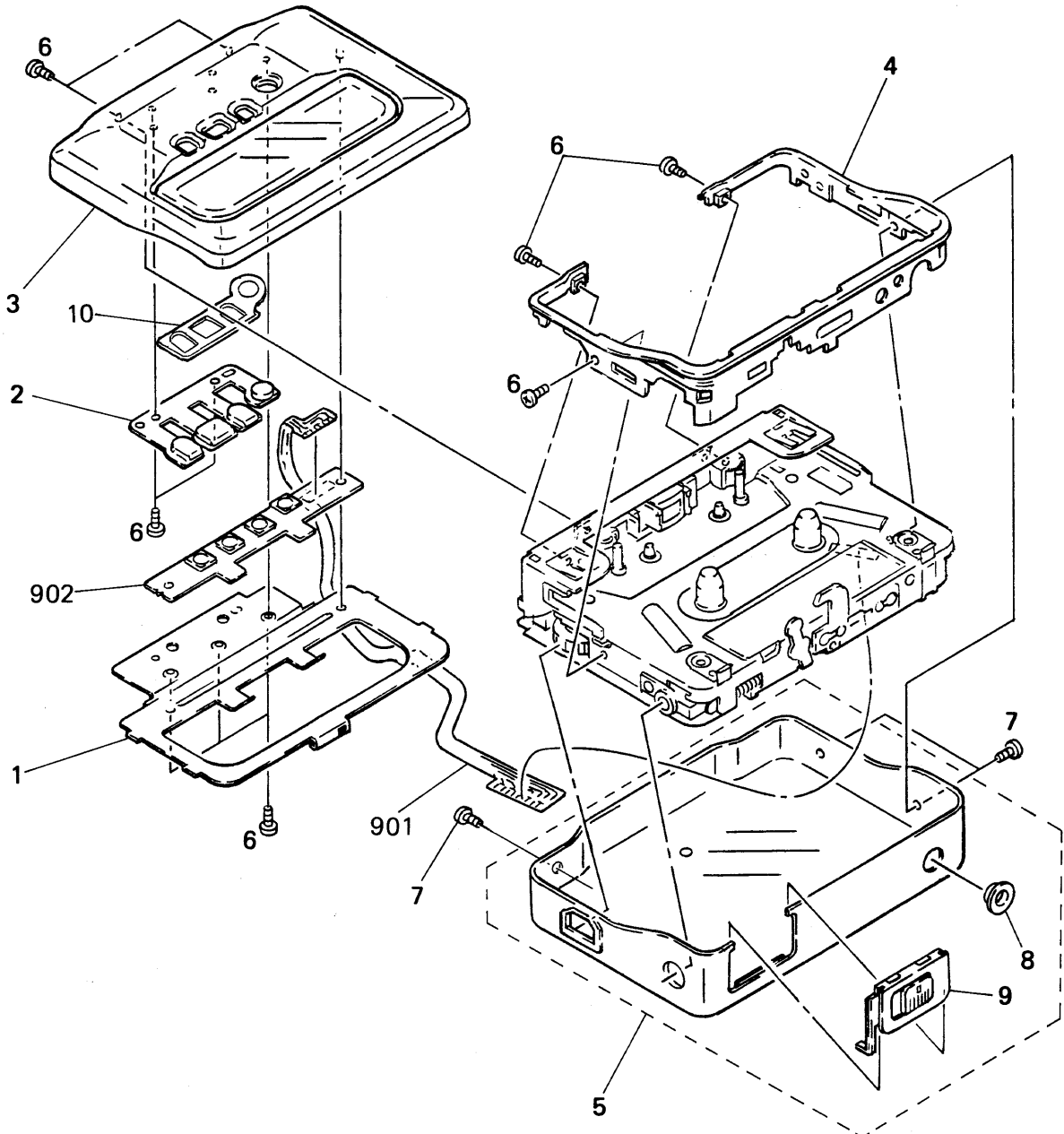
- Color Indication of Appearance Parts
Example:

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

↑
Cabinet's Color

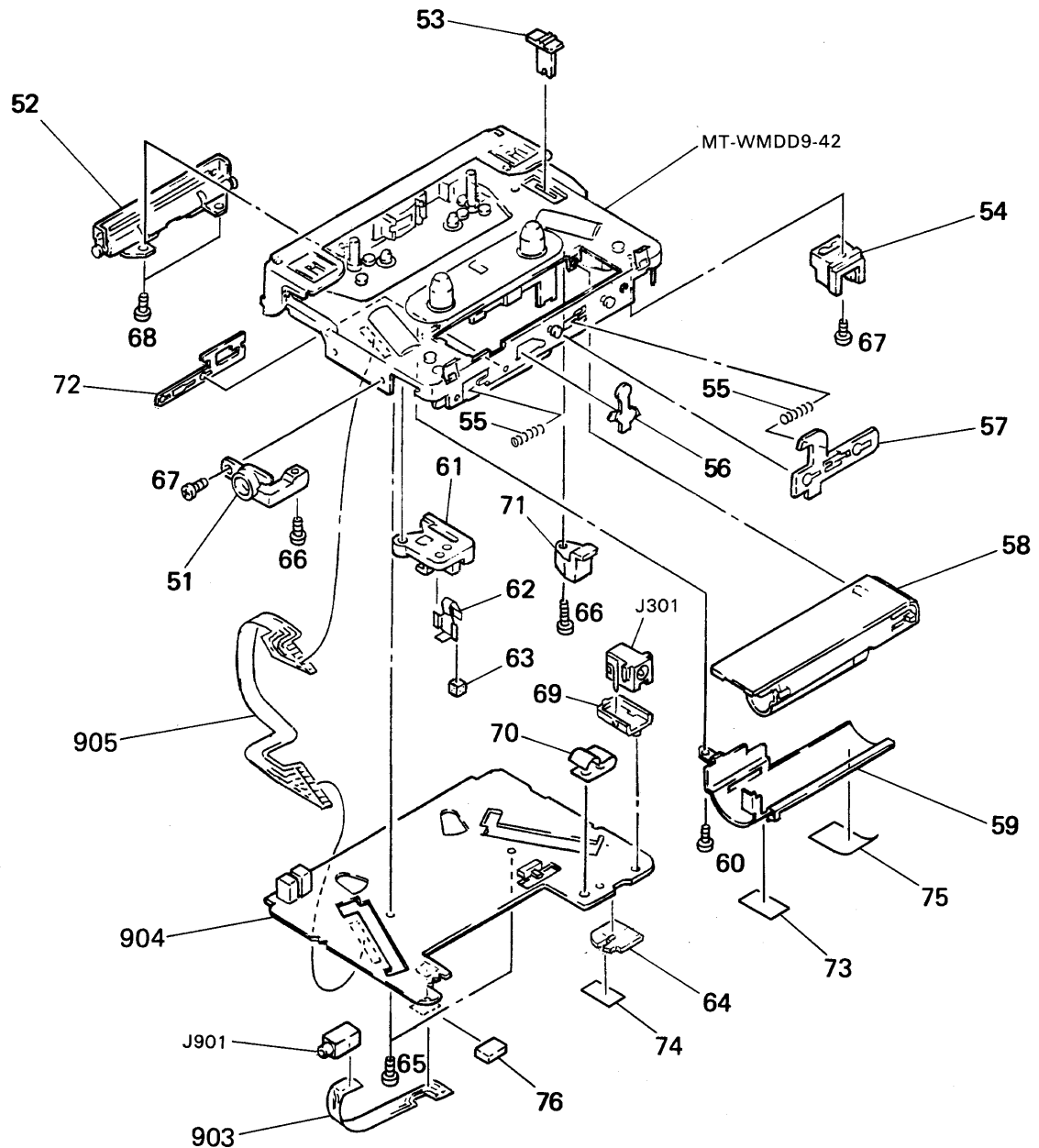
↑
Parts' Color

(1) CABINET



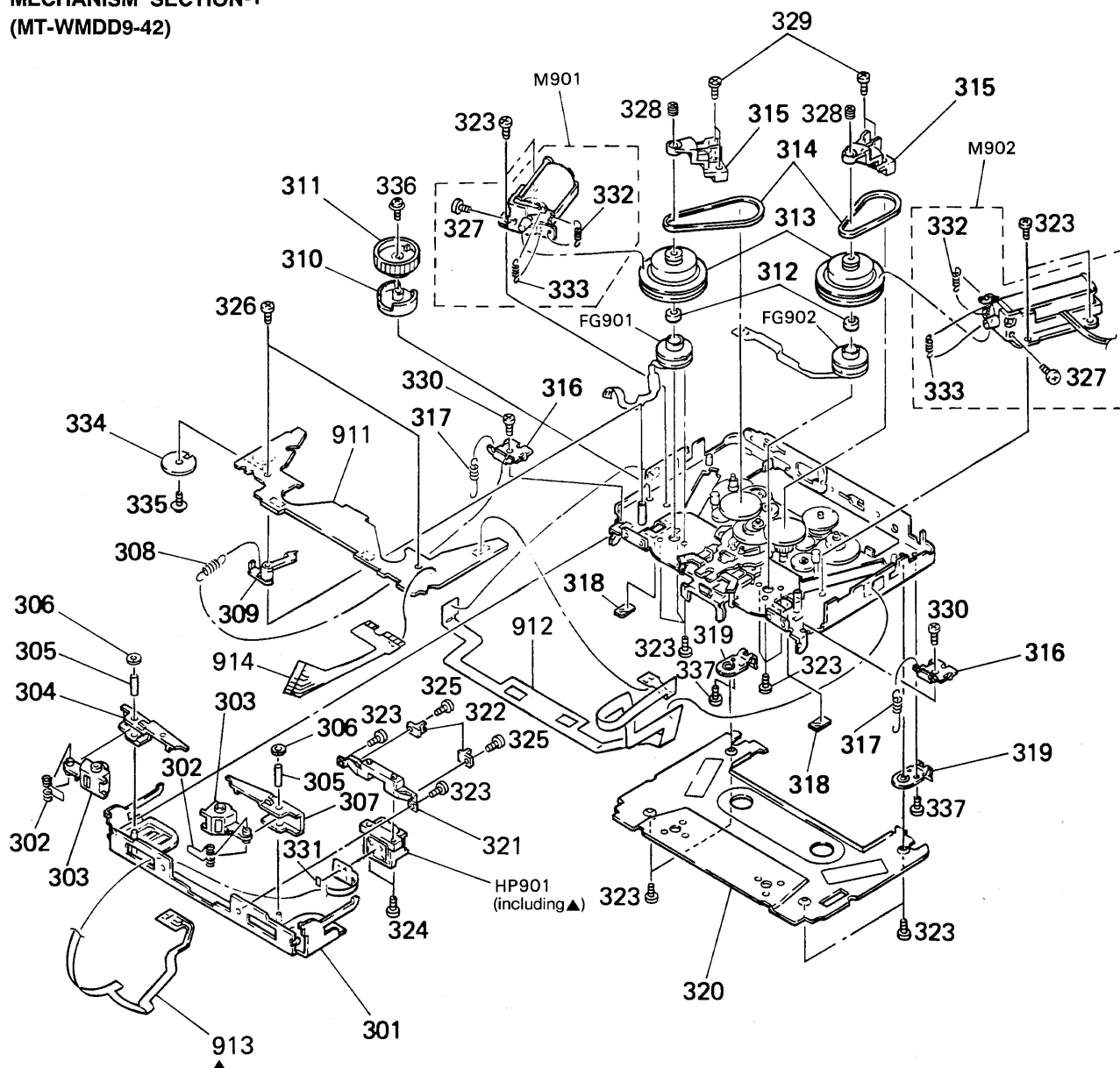
| Ref.No | Part No. | Description | Remarks | Ref.No | Part No. | Description | Remarks |
|--------|--------------|---------------------------|---------|--------|--------------|-------------------------------|---------|
| 1 | 3-357-207-01 | COVER (CASSETTE) | | 7 | 3-704-197-32 | SCREW (M1.4X3.0) | |
| 2 | X-3324-416-1 | BUTTON ASSY | | 8 | 3-357-174-01 | PLATE (JACK), ORNAMENTAL | |
| 3 | X-3324-418-1 | LID ASSY, CASSETTE | | 9 | X-3324-421-1 | PLATE (OPEN) ASSY, ORNAMENTAL | |
| 4 | 3-357-212-01 | ORNAMENT, REEL | | 10 | 3-357-216-01 | COVER (BUTTON) | |
| 5 | X-3324-427-1 | CASE ASSY | | 901 | 1-633-189-11 | PC BOARD, SWITCH FLEXIBLE | |
| 6 | 3-704-197-12 | SCREW (M1.4X2.0), LOCKING | | 902 | A-3015-836-A | PC BOARD ASSY, SW | |

(2) CHASSIS



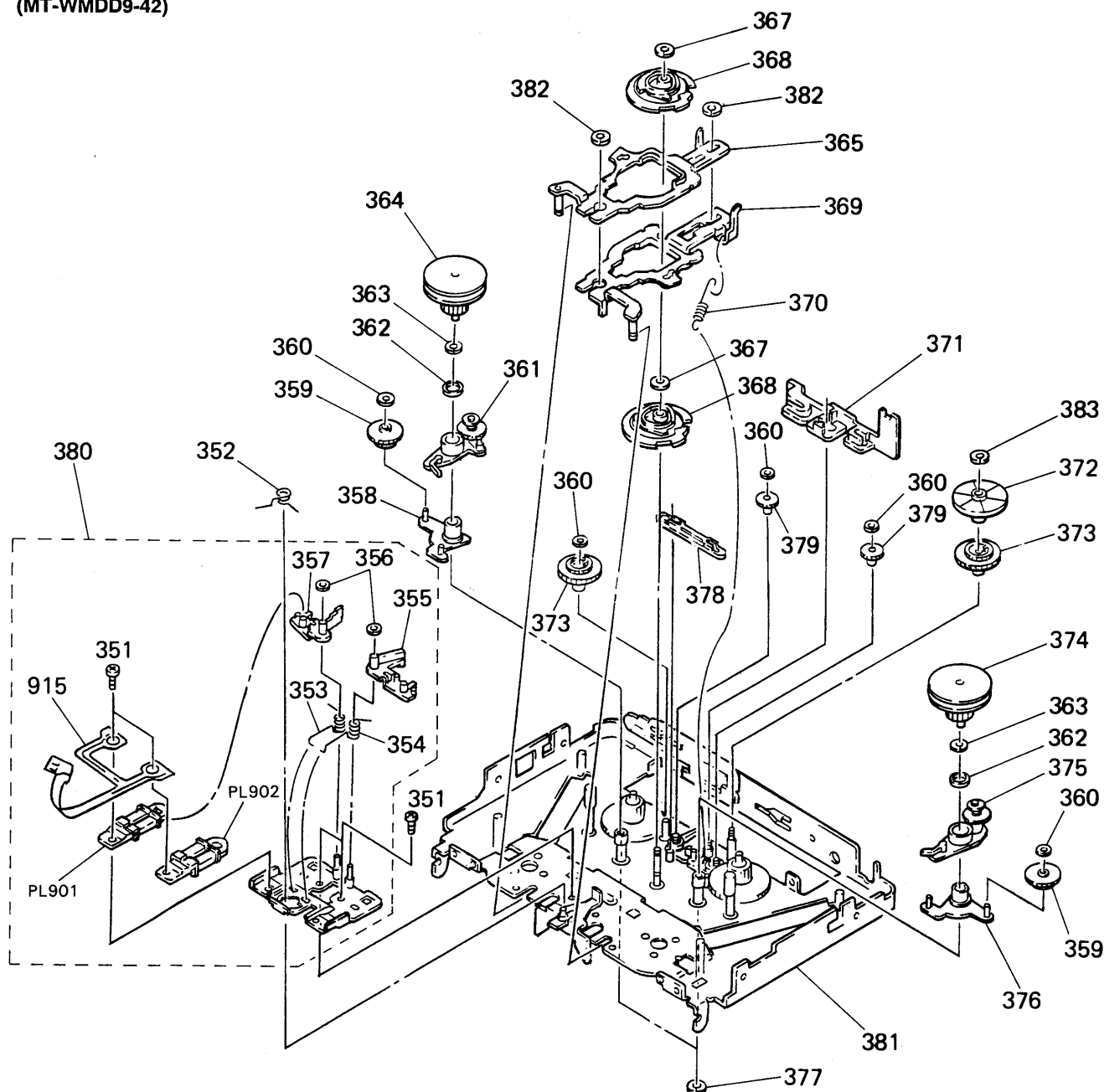
| Ref.No | Part No. | Description | Remarks | Ref.No | Part No. | Description | Remarks |
|--------|---------------|--------------------------------|---------|--------|--------------|------------------------------------|---------|
| 51 | 3-357-211-01 | PLATE (H.P), ORNAMENTAL | | 67 | 3-704-197-12 | SCREW (M1.4X2.0), LOCKING | |
| 52 | X-3324-415-1 | HINGE ASSY | | 68 | 3-704-245-22 | SCREW (P1.4X2.2) | |
| 53 | 3-357-177-01 | KNOB (MODE) | | 69 | 3-357-178-01 | GUIDE (DC JACK) | |
| 54 | 3-357-200-01 | COVER (DC JACK) | | 70 | 3-357-187-01 | TERMINAL BOARD (B), BATTERY | |
| 55 | 3-357-195-01 | SPRING COMPRESSION | | 71 | 3-357-224-01 | COVER (FULCRUM) | |
| 56 | X-3324-414-1 | LEVER ASSY, MIDWAY | | 72 | 3-357-229-01 | LEVER (C), LOCK | |
| 57 | X-3324-420-1 | LEVER (B) ASSY, LOCK | | 73 | 9-911-845-XX | CUSHION (A) | |
| 58 | X-3324-417-1 | CASE ASSY, BATTERY | | 74 | 9-911-838-XX | CUSHION | |
| 59 | *3-357-208-01 | COVER | | 75 | 3-831-441-11 | CUSHION (B) | |
| 60 | 3-703-816-06 | SCREW (M1.4X1.4), SPECIAL HEAD | | 76 | 3-553-567-00 | CUSHION | |
| 61 | 3-357-201-01 | HOLDER (TERMINAL BOARD) | | 903 | 1-633-393-11 | PC BOARD, HEADPHONES FLEXIBLE | |
| 62 | 3-357-188-01 | TERMINAL BOARD (C), BATTERY | | 904 | A-3015-835-A | PC BOARD ASSY, MAIN | |
| 63 | *3-357-226-01 | CUSHION (BATTERY) | | 905 | 1-633-392-11 | PC BOARD, (B) FLEXIBLE | |
| 64 | 3-357-215-01 | SPACER (PC BOARD) | | J301 | 1-507-723-00 | JACK, EXTENTION POWER (DC IN 1.5V) | |
| 65 | 3-335-797-01 | SCREW (M1.4X2), TOOTHED LOCK | | J901 | 1-569-251-11 | JACK (HEADPHONES) | |
| 66 | 3-704-197-82 | SCREW (M1.4X5.0), LOCKING | | | | | |

(3) MECHANISM SECTION-1
(MT-WMDD9-42)



| Ref.No | Part No. | Description | Remarks | Ref.No | Part No. | Description | Remarks |
|--------|---------------|-------------------------------|---------|--------|---------------|--------------------------------|---------------|
| 301 | X-3324-408-1 | HOLDER ASSY | | 324 | 3-704-245-71 | SCREW (P1.4X4.5) | |
| 302 | 3-357-103-01 | SPRING | | 325 | 3-703-816-31 | SCREW (M1.4X1.6), SPECIAL HEAD | |
| 303 | X-3324-403-1 | PINCH LEVER ASSY | | 326 | 3-703-816-61 | SCREW (M1.4X2.2), SPECIAL HEAD | |
| 304 | 3-357-149-01 | LEVER (N), SPRING | | 327 | 3-703-816-51 | SCREW (M1.4X3.5), SPECIAL HEAD | |
| 305 | 3-357-117-01 | COLLAR | | 328 | 3-357-127-01 | SCREW (THRUST) | |
| 306 | 3-349-859-11 | WASHER | | 329 | 3-703-816-21 | SCREW (M1.4X5.0), SPECIAL HEAD | |
| 307 | 3-357-142-01 | LEVER (R), SPRING | | 330 | 7-627-850-37 | SCREW,PRECISION +P 1.4X1.4 | |
| 308 | 3-328-438-01 | SPRING, TENSION | | 331 | *3-338-667-01 | SHEET, ADHESIVE, DOUBLE-FACE | |
| 309 | 3-357-238-01 | LEVER (OPEN), SWITCH | | 332 | 3-357-134-01 | SPRING, TENSION | |
| 310 | *3-357-150-01 | GUIDE, VOL | | 333 | 3-357-135-01 | SPRING, TENSION | |
| 311 | 3-357-151-01 | KNOB (VOL) | | 334 | 3-357-167-01 | HOLDER (VOL) | |
| 312 | 4-908-282-01 | BEARING (FLANGE NO), BALL | | 335 | 3-703-816-72 | SCREW (M1.4X3.0), SPECIAL HEAD | |
| 313 | X-3310-999-1 | WHEEL ASSY, CAPSTAN | | 336 | 3-357-241-01 | SCREW, WASHER HEAD | |
| 314 | 3-357-133-01 | BELT | | 337 | 3-343-573-01 | SCREW, SPECIAL PRECISION | |
| 315 | *3-357-146-01 | LEVER, THRUST | | 911 | A-3015-833-A | PC BOARD ASSY, SUB | |
| 316 | 3-343-587-01 | LEVER, SPRING | | 912 | 1-633-394-11 | PC BOARD, MOTOR FLEXIBLE | |
| 317 | 3-357-136-01 | SPRING (HOLDER), TENSION | | 913 | 1-634-250-11 | PC BOARD,HEAD FLEXIBLE | |
| 318 | *3-357-220-01 | SHEET | | 914 | 1-633-391-11 | PC BOARD, (A) FLEXIBLE | |
| 319 | *3-343-588-01 | SPRING | | FG901 | X-3324-406-1 | SLEEVE (F) ASSY | |
| 320 | 3-357-163-01 | COVER, REEL | | FG902 | X-3324-424-1 | SLEEVE (FR) ASSY | |
| 321 | X-3324-412-1 | LEVER ASSY, HEAD | | HP901 | 1-543-689-11 | HEAD, MAGNETIC (PLAYBACK) | |
| 322 | 3-357-104-01 | GUIDE, TAPE | | M901 | A-3133-395-A | MOTOR (FWD) BLOCK ASSY | 327, 332, 333 |
| 323 | 3-331-047-01 | SCREW (M1.4X1.4),SPECIAL HEAD | | M902 | A-3133-396-A | MOTOR (REV) BLOCK ASSY | 327, 332, 333 |

(4) MECHANISM SECTION-2
(MT-WMDD9-42)



| Ref.No | Part No. | Description | Remarks |
|--------|--------------|-------------------------------------|---------|
| 351 | 3-331-047-01 | SCREW (M1.4X1.4),SPECIAL HEAD | |
| 352 | 3-357-114-01 | SPRING | |
| 353 | 3-357-118-01 | SPRING (N) | |
| 354 | 3-357-119-01 | SPRING (R) | |
| 355 | 3-357-145-01 | LEVER (R), TRIGGER | |
| 356 | 3-338-645-31 | WASHER 0.8X2.5 | |
| 357 | 3-357-144-01 | LEVER (N), TRIGGER | |
| 358 | X-3324-405-1 | LEVER (ND) ASSY, P | |
| 359 | 3-343-592-01 | GEAR (NR) | |
| 360 | 3-349-859-11 | WASHER | |
| 361 | X-3310-994-1 | LEVER ASSY, FF | |
| 362 | 3-349-850-01 | WASHER | |
| 363 | 3-321-394-41 | WASHER, COTTER POLYETHYLENE 2.5X1.2 | |
| 364 | X-3310-996-1 | PULLEY (N) ASSY | |
| 365 | X-3324-401-1 | LEVER (N) ASSY, P | |
| 367 | 3-341-752-11 | WASHER, POLYETHYLENE | |
| 368 | 3-357-152-01 | GEAR (CAM) | |

| Ref.No | Part No. | Description | Remarks |
|--------|--------------|----------------------------|--------------|
| 369 | X-3324-402-1 | LEVER (R) ASSY, P | |
| 370 | 3-343-570-01 | SPRING (SW LEVER), TENSION | |
| 371 | 3-357-156-01 | LEVER, SWITCH | |
| 372 | X-3310-997-1 | PULLEY (REFLECTOR) ASSY | |
| 373 | 3-343-584-01 | GEAR (C) | |
| 374 | X-3310-995-1 | PULLEY (R) ASSY | |
| 375 | X-3310-993-1 | LEVER ASSY, REW | |
| 376 | X-3324-404-1 | LEVER (RD) ASSY, P | |
| 377 | 3-331-007-21 | WASHER 2.3X1.0 | |
| 378 | 3-357-160-01 | STOPPER (A) | |
| 379 | 3-357-111-01 | GEAR (B) | |
| 380 | 1-454-511-11 | SOLENOID, PLUNGER (ASSY) | 351, 353-357 |
| 381 | X-3324-428-1 | CHASSIS ASSY | |
| 382 | 3-331-036-11 | WASHER | |
| 915 | 1-633-659-11 | PC BOARD, PLUNGER FLEXIBLE | |
| PL901 | 1-454-490-11 | SOLENOID, PLUNGER (FWD) | |
| PL902 | 1-454-490-11 | SOLENOID, PLUNGER (REV) | |

SECTION 7

ELECTRICAL PARTS LIST

NOTE:

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
Items marked "★" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- If there are two or more same circuits in a set such as a stereophonic machine, only typical circuit parts may be indicated and capacitors and resistors in other same circuits may be omitted.

CAPACITORS:MF: μ F, PF: μ F.**RESISTORS**

- All resistors are in ohms.
- F: nonflammable

COILSMMH: mH, UH: μ H**SEMICONDUCTORS**In each case, U: μ , for example:UA...: μ A..., UPA...: μ PA...,UPC...: μ PC, UPD...: μ PD...

| Ref.No | Part No. | Description | | | | Ref.No | Part No. | Description | | | |
|--------|--------------|-------------------------------|----------|-----|------|--------|--------------|--------------|----------|-----|------|
| 901 | 1-633-189-11 | PC BOARD, SWITCH FLEXIBLE | | | | C220 | 1-135-170-21 | TANTAL CHIP | 6.8MF | 10% | 4V |
| 902 | A-3015-836-A | PC BOARD ASSY, SW | | | | C221 | 1-135-091-00 | TANTAL CHIP | 1MF | 20% | 16V |
| 903 | 1-633-393-11 | PC BOARD, HEADPHONES FLEXIBLE | | | | C222 | 1-135-091-00 | TANTAL CHIP | 1MF | 20% | 16V |
| 904 | A-3015-835-A | PC BOARD ASSY, MAIN | | | | C223 | 1-162-968-11 | CERAMIC CHIP | 0.0047MF | 10% | 50V |
| 905 | 1-633-392-11 | PC BOARD, (B) FLEXIBLE | | | | C224 | 1-162-953-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| 911 | A-3015-833-A | PC BOARD ASSY, SUB | | | | C301 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| 912 | 1-633-394-11 | PC BOARD, MOTOR FLEXIBLE | | | | C302 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| 913 | 1-634-250-11 | PC BOARD, HEAD FLEXIBLE | | | | C303 | 1-164-004-11 | CERAMIC CHIP | 0.1MF | 10% | 25V |
| 914 | 1-633-391-11 | PC BOARD, (A) FLEXIBLE | | | | C304 | 1-135-180-21 | TANTAL CHIP | 3.3MF | 10% | 4V |
| 915 | 1-633-659-11 | PC BOARD, PLUNGER FLEXIBLE | | | | C305 | 1-135-180-21 | TANTAL CHIP | 3.3MF | 10% | 4V |
| C101 | 1-163-133-00 | CERAMIC CHIP | 470PF | 10% | 50V | C306 | 1-164-483-11 | CERAMIC CHIP | 0.047MF | 10% | 16V |
| C102 | 1-163-133-00 | CERAMIC CHIP | 470PF | 10% | 50V | C307 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C103 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V | C308 | 1-135-180-21 | TANTAL CHIP | 3.3MF | 10% | 4V |
| C104 | 1-164-479-11 | CERAMIC CHIP | 0.0056MF | 10% | 50V | C309 | 1-164-481-11 | CERAMIC CHIP | 0.022MF | 10% | 16V |
| C105 | 1-164-482-11 | CERAMIC CHIP | 0.033MF | 10% | 16V | C310 | 1-135-091-00 | TANTAL CHIP | 1MF | 20% | 16V |
| C106 | 1-135-091-00 | TANTAL CHIP | 1MF | 10% | 16V | C311 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C107 | 1-164-483-11 | CERAMIC CHIP | 0.047MF | 10% | 16V | C312 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C108 | 1-135-149-21 | TANTAL CHIP | 2.2MF | 10% | 6.3V | C313 | 1-135-158-21 | TANTAL CHIP | 15MF | 20% | 4V |
| C109 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V | C314 | 1-162-953-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C110 | 1-135-191-21 | TANTAL CHIP | 0.22MF | 10% | 20V | C315 | 1-162-953-11 | CERAMIC CHIP | 100PF | 5% | 50V |
| C111 | 1-135-072-21 | TANTAL CHIP | 0.22MF | 10% | 35V | C316 | 1-135-180-21 | TANTAL CHIP | 3.3MF | 10% | 4V |
| C112 | 1-135-187-21 | TANTAL CHIP | 2.2MF | 10% | 4V | C317 | 1-135-170-21 | TANTAL CHIP | 6.8MF | 10% | 4V |
| C113 | 1-164-479-11 | CERAMIC CHIP | 0.0056MF | 5% | 50V | C318 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C114 | 1-164-480-11 | CERAMIC CHIP | 0.01MF | 5% | 50V | C401 | 1-135-157-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C115 | 1-164-479-11 | CERAMIC CHIP | 0.0056MF | 5% | 50V | C601 | 1-163-023-00 | CERAMIC CHIP | 0.015MF | 10% | 50V |
| C116 | 1-163-121-00 | CERAMIC CHIP | 150PF | 10% | 50V | C602 | 1-162-964-11 | CERAMIC CHIP | 0.001MF | 10% | 50V |
| C117 | 1-135-170-21 | TANTAL CHIP | 6.8MF | 10% | 4V | C603 | 1-164-004-11 | CERAMIC CHIP | 0.1MF | 10% | 25V |
| C118 | 1-135-170-21 | TANTAL CHIP | 6.8MF | 10% | 4V | C604 | 1-136-153-00 | FILM | 0.01MF | 5% | 50V |
| C119 | 1-162-963-11 | CERAMIC CHIP | 680PF | 10% | 50V | C605 | 1-135-201-11 | TANTAL CHIP | 10MF | 20% | 6.3V |
| C120 | 1-135-170-21 | TANTAL CHIP | 6.8MF | 10% | 4V | C606 | 1-136-175-00 | FILM | 0.068MF | 5% | 50V |
| C121 | 1-135-091-00 | TANTAL CHIP | 1MF | 20% | 16V | C607 | 1-162-970-11 | CERAMIC CHIP | 0.01MF | 10% | 25V |
| C122 | 1-135-091-00 | TANTAL CHIP | 1MF | 20% | 16V | C608 | 1-162-970-11 | CERAMIC CHIP | 0.01MF | 10% | 25V |
| C123 | 1-162-968-11 | CERAMIC CHIP | 0.0047MF | 10% | 50V | C609 | 1-163-989-11 | CERAMIC CHIP | 0.033MF | 10% | 25V |
| C124 | 1-162-953-11 | CERAMIC CHIP | 100PF | 5% | 50V | C610 | 1-135-091-00 | TANTAL CHIP | 1MF | 10% | 16V |
| C201 | 1-163-133-00 | CERAMIC CHIP | 470PF | 10% | 50V | C611 | 1-162-970-11 | CERAMIC CHIP | 0.01MF | 10% | 25V |
| C202 | 1-163-133-00 | CERAMIC CHIP | 470PF | 10% | 50V | C612 | 1-162-970-11 | CERAMIC CHIP | 0.01MF | 10% | 25V |
| C203 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V | C613 | 1-164-004-11 | CERAMIC CHIP | 0.1MF | 10% | 25V |
| C204 | 1-164-479-11 | CERAMIC CHIP | 0.0056MF | 10% | 50V | C614 | 1-162-943-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C205 | 1-164-482-11 | CERAMIC CHIP | 0.033MF | 10% | 16V | C615 | 1-162-943-11 | CERAMIC CHIP | 15PF | 5% | 50V |
| C206 | 1-135-208-11 | TANTAL CHIP | 1MF | 10% | 10V | C616 | 1-162-947-11 | CERAMIC CHIP | 33PF | 5% | 50V |
| C207 | 1-164-483-11 | CERAMIC CHIP | 0.047MF | 10% | 16V | C618 | 1-163-809-11 | CERAMIC CHIP | 0.047MF | 10% | 25V |
| C208 | 1-135-187-21 | TANTAL CHIP | 2.2MF | 10% | 4V | C701 | 1-162-970-11 | CERAMIC CHIP | 0.01MF | 10% | 25V |
| C209 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V | C702 | 1-164-004-11 | CERAMIC CHIP | 0.1MF | 10% | 25V |
| C210 | 1-135-191-21 | TANTAL CHIP | 0.22MF | 10% | 20V | C703 | 1-135-091-00 | TANTAL CHIP | 1MF | 20% | 16V |
| C211 | 1-135-072-21 | TANTAL CHIP | 0.22MF | 10% | 35V | C704 | 1-135-151-21 | TANTAL CHIP | 4.7MF | 20% | 4V |
| C212 | 1-135-187-21 | TANTAL CHIP | 2.2MF | 10% | 4V | C801 | 1-126-991-11 | ELECT | 470MF | 20% | 2V |
| C213 | 1-164-479-11 | CERAMIC CHIP | 0.0056MF | 5% | 50V | C802 | 1-126-991-11 | ELECT | 470MF | 20% | 2V |
| C214 | 1-164-480-11 | CERAMIC CHIP | 0.01MF | 5% | 50V | C803 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C215 | 1-164-479-11 | CERAMIC CHIP | 0.0056MF | 5% | 50V | C804 | 1-162-970-11 | CERAMIC CHIP | 0.01MF | 10% | 25V |
| C216 | 1-163-121-00 | CERAMIC CHIP | 150PF | 10% | 50V | C805 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C217 | 1-135-170-21 | TANTAL CHIP | 6.8MF | 10% | 4V | C806 | 1-135-202-21 | TANTAL CHIP | 22MF | 20% | 4V |
| C218 | 1-135-170-21 | TANTAL CHIP | 6.8MF | 10% | 4V | C807 | 1-135-157-21 | TANTAL CHIP | 10MF | 20% | 6.3V |
| C219 | 1-162-963-11 | CERAMIC CHIP | 680PF | 10% | 50V | C808 | 1-135-157-21 | TANTAL CHIP | 10MF | 20% | 6.3V |
| | | | | | | D301 | 8-719-420-51 | DIODE MA729 | | | |

| Ref.No | Part No. | Description |
|--------|--------------|--|
| D401 | 8-719-981-67 | DIODE CL-70SR-CD |
| D402 | 8-719-981-67 | DIODE CL-70SR-CD |
| D601 | 8-719-404-35 | DIODE MA141WK |
| D701 | 8-719-404-32 | DIODE MA141WA |
| D702 | 8-719-420-51 | DIODE MA729 |
| D703 | 8-719-404-52 | DIODE MA143 |
| D704 | 8-719-105-58 | DIODE RD3.9M-B2 |
| D801 | 8-719-420-51 | DIODE MA729 |
| D802 | 8-719-420-51 | DIODE MA729 |
| D803 | 8-719-975-06 | DIODE CL-70G-CD |
| FG901 | X-3324-406-1 | SLEEVE (F) ASSY |
| FG902 | X-3324-424-1 | SLEEVE (FR) ASSY |
| FL101 | 1-236-710-11 | ENCAPUSLATED COMPONENT (FILTER, SP-SK) |
| FL201 | 1-236-710-11 | ENCAPUSLATED COMPONENT (FILTER, SP-SK) |
| HP901 | 1-543-689-11 | HEAD, MAGNETIC (PLAYBACK) |
| IC101 | 8-759-710-49 | IC NJM2065AM |
| IC201 | 8-759-710-49 | IC NJM2065AM |
| IC301 | 8-759-230-91 | IC TA7795FN |
| IC302 | 8-759-711-24 | IC NJM2106M |
| IC303 | 8-759-231-13 | IC TA8145FN |
| IC601 | 8-752-039-14 | IC CXA1423N |
| IC602 | 8-759-996-71 | IC MSM58141MSK |
| IC701 | 8-759-239-09 | IC TB2001FN |
| IC702 | 8-759-500-18 | IC MM-1046XMR |
| J301 | 1-507-723-00 | JACK, EXTENTION POWER (DC IN 1.5V) |
| J901 | 1-569-251-11 | JACK (HEADPHONES) |
| JR1 | 1-216-864-11 | METAL GLAZE 0 5% 1/16W |
| L801 | 1-421-665-11 | COILP 20UH |
| L802 | 1-410-213-51 | INDUCTOR CHIP 56UH |
| M901 | A-3133-395-A | MOTOR (FWD) BLOCK ASSY |
| M902 | A-3133-396-A | MOTOR (REV) BLOCK ASSY |
| PH701 | 8-759-710-35 | DIODE, PHOTO NJL5161K-B |
| PL901 | 1-454-490-11 | SOLENOID, PLUNGER (FWD) |
| PL902 | 1-454-490-11 | SOLENOID, PLUNGER (REV) |
| Q301 | 8-729-403-17 | TRANSISTOR XN1215 |
| Q302 | 8-729-230-74 | TRANSISTOR 2SA1362(YG)EL |
| Q303 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q304 | 8-729-162-44 | TRANSISTOR 2SB624-BV4 |
| Q401 | 8-729-403-42 | TRANSISTOR XN1401 |
| Q402 | 8-729-403-17 | TRANSISTOR XN1215 |
| Q403 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q601 | 8-729-420-50 | TRANSISTOR UN5215 |
| Q602 | 8-729-159-64 | TRANSISTOR 2SD596 |
| Q603 | 8-729-159-64 | TRANSISTOR 2SD596 |
| Q604 | 8-729-403-17 | TRANSISTOR XN1215 |
| Q605 | 8-729-104-26 | TRANSISTOR 2SB804-AW |
| Q606 | 8-729-104-26 | TRANSISTOR 2SB804-AW |
| Q608 | 8-729-420-50 | TRANSISTOR UN5215 |
| Q609 | 8-729-162-44 | TRANSISTOR 2SB624-BV4 |
| Q610 | 8-729-421-15 | TRANSISTOR 2SD1119-Q |
| Q611 | 8-729-159-64 | TRANSISTOR 2SD596 |
| Q612 | 8-729-159-64 | TRANSISTOR 2SD596 |
| Q701 | 8-729-402-16 | TRANSISTOR XN4608 |
| Q702 | 8-729-402-16 | TRANSISTOR XN4608 |
| Q703 | 8-729-403-45 | TRANSISTOR XN1115 |
| Q704 | 8-729-403-45 | TRANSISTOR XN1115 |
| Q705 | 8-729-420-50 | TRANSISTOR UN5215 |
| Q706 | 8-729-420-50 | TRANSISTOR UN5215 |
| Q707 | 8-729-230-74 | TRANSISTOR 2SA1362(YG)EL |
| Q708 | 8-729-230-74 | TRANSISTOR 2SA1362(YG)EL |

| Ref.No | Part No. | Description |
|--------|--------------|-----------------------------|
| Q709 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q710 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q711 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q712 | 8-729-403-45 | TRANSISTOR XN1115 |
| Q713 | 8-729-421-23 | TRANSISTOR XN1216 |
| Q714 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q715 | 8-729-159-64 | TRANSISTOR 2SD596 |
| Q716 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q717 | 8-729-162-44 | TRANSISTOR 2SB624-BV4 |
| Q718 | 8-729-420-50 | TRANSISTOR UN5215 |
| Q801 | 8-729-162-44 | TRANSISTOR 2SB624-BV4 |
| Q802 | 8-729-117-31 | TRANSISTOR 2SC4177-L5 |
| Q803 | 8-729-400-56 | TRANSISTOR 2SD1328-T |
| Q804 | 8-729-420-53 | TRANSISTOR UN5115 |
| Q805 | 8-729-162-44 | TRANSISTOR 2SB624-BV4 |
| R101 | 1-216-683-11 | METAL CHIP 22K 0.50% 1/10W |
| R102 | 1-216-683-11 | METAL CHIP 22K 0.50% 1/10W |
| R103 | 1-216-693-11 | METAL CHIP 56K 0.50% 1/10W |
| R104 | 1-216-683-11 | METAL CHIP 22K 0.50% 1/10W |
| R105 | 1-216-115-00 | METAL GLAZE 560K 5% 1/10W |
| R106 | 1-216-657-11 | METAL CHIP 1.8K 0.50% 1/10W |
| R107 | 1-216-659-11 | METAL CHIP 2.2K 0.50% 1/10W |
| R108 | 1-216-845-11 | METAL GLAZE 100K 5% 1/16W |
| R109 | 1-216-851-11 | METAL GLAZE 330K 5% 1/16W |
| R110 | 1-218-271-11 | METAL GLAZE 2K 5% 1/16W |
| R111 | 1-218-273-11 | METAL GLAZE 510K 5% 1/16W |
| R112 | 1-216-993-11 | METAL GLAZE 2.4K 5% 1/16W |
| R113 | 1-218-272-11 | METAL GLAZE 5.1K 5% 1/16W |
| R114 | 1-218-271-11 | METAL GLAZE 2K 5% 1/16W |
| R115 | 1-218-270-11 | METAL GLAZE 1.1K 5% 1/16W |
| R116 | 1-216-845-11 | METAL GLAZE 100K 5% 1/16W |
| R117 | 1-216-839-11 | METAL GLAZE 33K 5% 1/16W |
| R118 | 1-216-841-11 | METAL GLAZE 47K 5% 1/16W |
| R119 | 1-216-837-11 | METAL GLAZE 22K 5% 1/16W |
| R120 | 1-216-791-11 | METAL GLAZE 3.3 5% 1/16W |
| R121 | 1-216-821-11 | METAL GLAZE 1K 5% 1/16W |
| R122 | 1-216-821-11 | METAL GLAZE 1K 5% 1/16W |
| R201 | 1-216-683-11 | METAL CHIP 22K 0.50% 1/10W |
| R202 | 1-216-683-11 | METAL CHIP 22K 0.50% 1/10W |
| R203 | 1-216-693-11 | METAL CHIP 56K 0.50% 1/10W |
| R204 | 1-216-683-11 | METAL CHIP 22K 0.50% 1/10W |
| R205 | 1-216-115-00 | METAL GLAZE 560K 5% 1/10W |
| R206 | 1-216-657-11 | METAL CHIP 1.8K 0.50% 1/10W |
| R207 | 1-216-659-11 | METAL CHIP 2.2K 0.50% 1/10W |
| R208 | 1-216-845-11 | METAL GLAZE 100K 5% 1/16W |
| R209 | 1-216-851-11 | METAL GLAZE 330K 5% 1/16W |
| R210 | 1-218-271-11 | METAL GLAZE 2K 5% 1/16W |
| R211 | 1-218-273-11 | METAL GLAZE 510K 5% 1/16W |
| R212 | 1-216-993-11 | METAL GLAZE 2.4K 5% 1/16W |
| R213 | 1-218-272-11 | METAL GLAZE 5.1K 5% 1/16W |
| R214 | 1-218-271-11 | METAL GLAZE 2K 5% 1/16W |
| R215 | 1-218-270-11 | METAL GLAZE 1.1K 5% 1/16W |
| R216 | 1-216-845-11 | METAL GLAZE 100K 5% 1/16W |
| R217 | 1-216-839-11 | METAL GLAZE 33K 5% 1/16W |
| R218 | 1-216-841-11 | METAL GLAZE 47K 5% 1/16W |
| R219 | 1-216-837-11 | METAL GLAZE 22K 5% 1/16W |
| R220 | 1-216-791-11 | METAL GLAZE 3.3 5% 1/16W |
| R221 | 1-216-821-11 | METAL GLAZE 1K 5% 1/16W |
| R222 | 1-216-821-11 | METAL GLAZE 1K 5% 1/16W |
| R301 | 1-216-809-11 | METAL GLAZE 100 5% 1/16W |
| R302 | 1-216-846-11 | METAL GLAZE 120K 5% 1/16W |
| R304 | 1-216-851-11 | METAL GLAZE 330K 5% 1/16W |
| R305 | 1-216-851-11 | METAL GLAZE 330K 5% 1/16W |
| R306 | 1-216-829-11 | METAL GLAZE 4.7K 5% 1/16W |

| Ref.No | Part No. | Description | | | |
|--------|--------------|-------------|------|----|-------|
| R307 | 1-216-791-11 | METAL GLAZE | 3.3 | 5% | 1/16W |
| R308 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R309 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R310 | 1-216-839-11 | METAL GLAZE | 33K | 5% | 1/16W |
| R311 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R401 | 1-216-994-11 | METAL GLAZE | 13K | 5% | 1/16W |
| R402 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R403 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R404 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R405 | 1-216-819-11 | METAL GLAZE | 680 | 5% | 1/16W |
| R406 | 1-216-819-11 | METAL GLAZE | 680 | 5% | 1/16W |
| R407 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R408 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R601 | 1-216-843-11 | METAL GLAZE | 68K | 5% | 1/16W |
| R602 | 1-216-993-11 | METAL GLAZE | 2.4K | 5% | 1/16W |
| R603 | 1-216-843-11 | METAL GLAZE | 68K | 5% | 1/16W |
| R604 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R605 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R606 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R607 | 1-216-847-11 | METAL GLAZE | 150K | 5% | 1/16W |
| R608 | 1-216-827-11 | METAL GLAZE | 3.3K | 5% | 1/16W |
| R609 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R610 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R611 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R612 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R613 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R614 | 1-216-828-11 | METAL GLAZE | 3.9K | 5% | 1/16W |
| R615 | 1-216-828-11 | METAL GLAZE | 3.9K | 5% | 1/16W |
| R616 | 1-216-834-11 | METAL GLAZE | 12K | 5% | 1/16W |
| R617 | 1-216-857-11 | METAL GLAZE | 1M | 5% | 1/16W |
| R618 | 1-216-857-11 | METAL GLAZE | 1M | 5% | 1/16W |
| R619 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R620 | 1-216-825-11 | METAL GLAZE | 2.2K | 5% | 1/16W |
| R621 | 1-216-809-11 | METAL GLAZE | 100 | 5% | 1/16W |
| R622 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R623 | 1-216-817-11 | METAL GLAZE | 470 | 5% | 1/16W |
| R624 | 1-216-817-11 | METAL GLAZE | 470 | 5% | 1/16W |
| R625 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R626 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R627 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R628 | 1-216-809-11 | METAL GLAZE | 100 | 5% | 1/16W |
| R701 | 1-216-841-11 | METAL GLAZE | 47K | 5% | 1/16W |
| R702 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R703 | 1-216-814-11 | METAL GLAZE | 270 | 5% | 1/16W |
| R704 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R705 | 1-216-800-11 | METAL GLAZE | 18 | 5% | 1/16W |
| R706 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R707 | 1-216-800-11 | METAL GLAZE | 18 | 5% | 1/16W |
| R708 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R709 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R710 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R711 | 1-216-821-11 | METAL GLAZE | 1K | 5% | 1/16W |
| R712 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R713 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R714 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R715 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R716 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R717 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R718 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R719 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R720 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R721 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R722 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R723 | 1-216-821-11 | METAL GLAZE | 1K | 5% | 1/16W |
| R724 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |

| Ref.No | Part No. | Description | | | |
|--------|--------------|--------------------------------|------|----|-------|
| R725 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R726 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R727 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R728 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R729 | 1-216-851-11 | METAL GLAZE | 330K | 5% | 1/16W |
| R730 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R731 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R732 | 1-216-841-11 | METAL GLAZE | 47K | 5% | 1/16W |
| R801 | 1-216-845-11 | METAL GLAZE | 100K | 5% | 1/16W |
| R802 | 1-216-825-11 | METAL GLAZE | 2.2K | 5% | 1/16W |
| R803 | 1-216-814-11 | METAL GLAZE | 270 | 5% | 1/16W |
| R804 | 1-216-800-11 | METAL GLAZE | 18 | 5% | 1/16W |
| R805 | 1-216-809-11 | METAL GLAZE | 100 | 5% | 1/16W |
| R806 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| R807 | 1-216-833-11 | METAL GLAZE | 10K | 5% | 1/16W |
| RV101 | 1-238-201-11 | RES, ADJ, METAL GLAZE 1K | | | |
| RV201 | 1-238-201-11 | RES, ADJ, METAL GLAZE 1K | | | |
| RV501 | 1-238-879-11 | RES, VAR, CARBON 10K/10K (VOL) | | | |
| RV601 | 1-237-005-11 | RES, ADJ, METAL GLAZE 22K | | | |
| S401 | 1-571-533-31 | SWITCH, KEY BOARD (STOP) | | | |
| S402 | 1-571-533-31 | SWITCH, KEY BOARD (FF) | | | |
| S403 | 1-571-533-31 | SWITCH, KEY BOARD (REW) | | | |
| S404 | 1-571-533-31 | SWITCH, KEY BOARD (PLAY/DIR) | | | |
| S501 | 1-571-506-41 | SWITCH, SLIDE (DOLBY NR) | | | |
| S502 | 1-571-506-41 | SWITCH, SLIDE (DBB) | | | |
| S503 | 1-571-275-31 | SWITCH, SLIDE (TAPE) | | | |
| S504 | 1-571-275-11 | SWITCH, SLIDE (MODE) | | | |
| S505 | 1-570-395-11 | SWITCH, LEAF (OPEN) | | | |
| S701 | 1-571-584-31 | SWITCH, SLIDE (DIRECTION) | | | |
| S702 | 1-570-395-11 | SWITCH, LEAF (FWD HEAD) | | | |
| S703 | 1-570-395-11 | SWITCH, LEAF (REV HEAD) | | | |
| S704 | 1-570-395-11 | SWITCH, LEAF (HOLD) | | | |
| T801 | 1-449-885-11 | TRANSFORMER, DC-DC CONVERTER | | | |
| X601 | 1-577-709-11 | VIBRATOR, CRYSTAL 24.957MHz | | | |

ACCESSORIES & PACKING MATERIALS

| | |
|---------------|---------------------------------------|
| 1-526-565-00 | (E)....AC PLUG ADAPTOR |
| 1-528-231-11 | BATTERY,NICKEL CADMIUM(NC-6WM) |
| 1-528-234-11 | (E)....BATTERY,CHARGER (BC-7L) |
| 1-528-250-11 | (Canadian)....BATTERY,CHARGER (BC-7S) |
| 1-528-251-11 | (AEP)....BATTERY CHARGER (BC-7S) |
| 1-528-252-11 | (UK)....BATTERY,CHARGER (BC-7S) |
| 1-528-321-11 | (US)....BATTERY,CHARGER (BC-7AU) |
| *3-343-562-01 | CUSHION |
| *3-343-564-01 | INDIVIDUAL CARTON |
| 3-357-196-01 | CASE, CARRYING |
| 3-751-279-11 | (Canadian, AEP, UK, E).... |
| | MANUAL, INSTRUCTION |
| 3-751-279-21 | (US)....MANUAL, INSTRUCTION |
| 3-751-279-41 | (AEP)....MANUAL, INSTRUCTION |
| 8-952-452-90 | HEADPHONE MDR-E575/XG SET |

Refer to MDR-E575 Service Manual
issued previously for information of
headphones supplied with this set.

WM-DD9

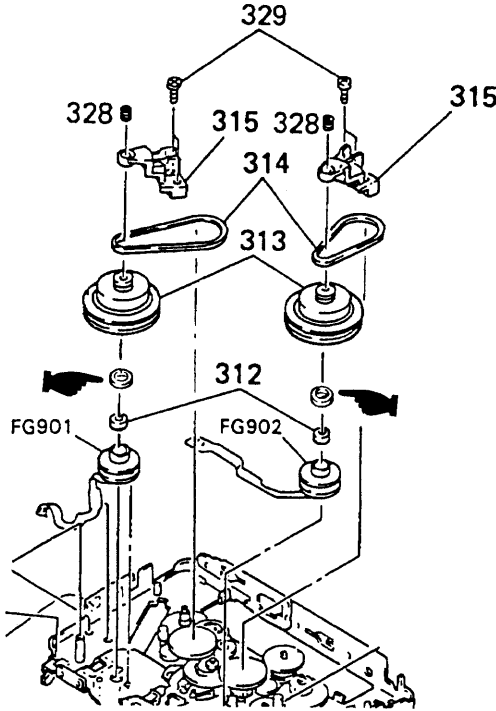
SONY SERVICE MANUAL

US Model
Canadian Model
AEP Model
UK Model
E Model

CORRECTION-1

Correct your service manual as shown below.

 : indicates corrected portion.

| Page | INCORRECT | | | CORRECT | |
|------|--|----------|-------------|--------------|-------------|
| | No. | Part No. | Description | Part No. | Description |
| 20 | | | | 3-349-827-21 | WASHER |
| |  | | | | |