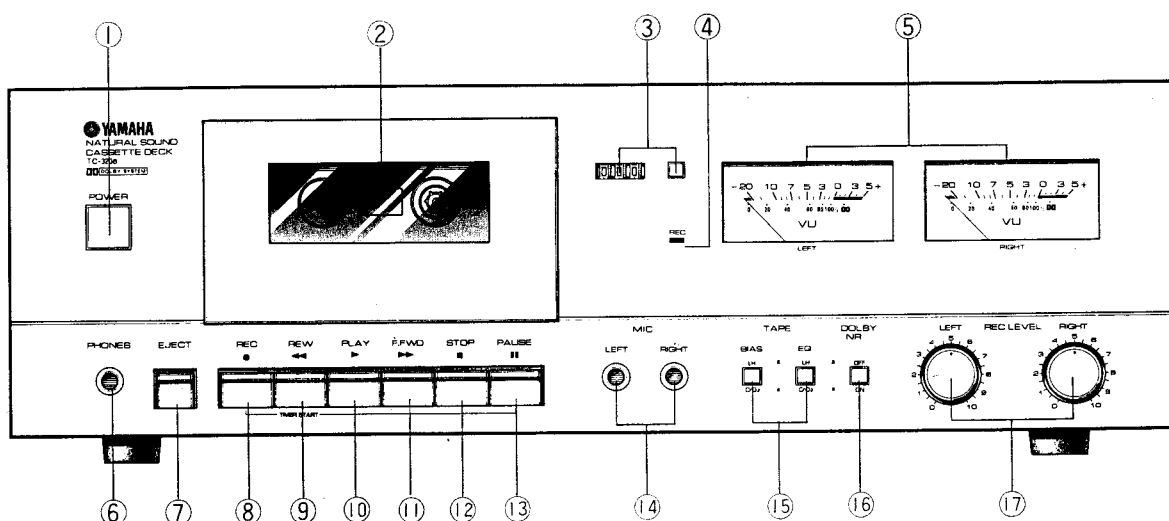


TC-320a

SERVICE MANUAL

FRONT PANEL



- | | |
|---------------------------------|---|
| ① POWER SWITCH | ⑪ F.FWD (▶▶) FAST FORWARD KEY |
| ② CASSETTE COMPARTMENT | ⑫ STOP KEY (■) |
| ③ TAPE COUNTER/REST PUSH-BUTTON | ⑬ PAUSE () INSTANTANEOUS PAUSE KEY |
| ④ RECORDING INDICATOR | ⑭ LEFT AND RIGHT MIC (MICROPHONE) JACKS |
| ⑤ LEVEL METERS | ⑮ TAPE SELECTOR SWITCHES |
| ⑥ PHONES JACK | ⑯ DOLBY NR SWITCH |
| ⑦ EJECT KEY | ⑰ REC LEVEL CONTROLS |
| ⑧ REC (●) RECORDING KEY | |
| ⑨ REW (◀◀) REWIND KEY | |
| ⑩ PLAY (▶) PLAYBACK KEY | |

CONTENTS

| | |
|------------------------------|----|
| DISASSEMBLY PROCEDURES | 2 |
| ELECTRICAL ADJUSTMENTS | 4 |
| SPECIFICATIONS | 8 |
| BLOCK DIAGRAM..... | 8 |
| WIRING DIAGRAM | 9 |
| SCHEMATIC DIAGRAM..... | 10 |
| PARTS LIST | |

004389

SINCE 1887  **YAMAHA**
NIPPON GAKKI CO., LTD. HAMAMATSU, JAPAN

DISASSEMBLY PROCEDURES

1. Top cover removal

Remove 4 screws from both sides and then remove the top cover.

2. Bottom cover removal

Remove tapping screws (1) to (8) in Photo 1 and then remove the bottom cover.

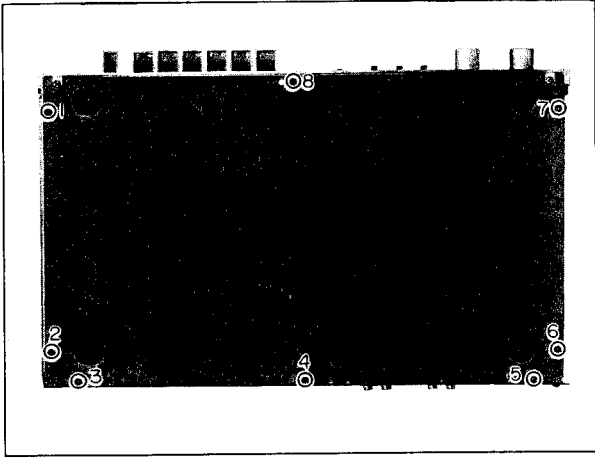


Photo 1

3. Front panel removal

- (1) Remove the top cover. (Refer to Step 1.)
- (2) Remove the bottom cover. (Refer to Step 2.)
- (3) Remove screws (1) to (3) in Photo 2 and screws (1) and (2) in Photo 3. Now pull out the front panel gently toward you.

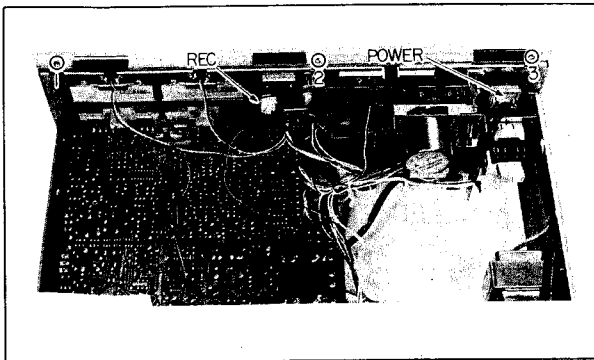


Photo 2

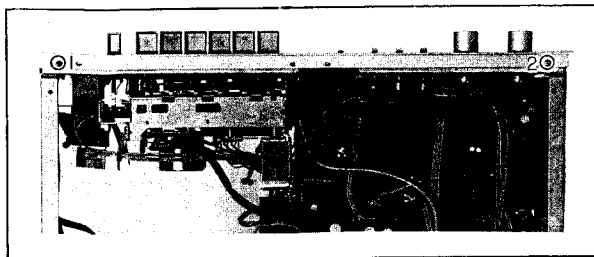


Photo 3

4. Tape mechanism unit removal

- (1) Remove the front panel. (Refer to Step 3.)
- (2) Disconnect the lead wires which are connected to the tape mechanism unit.
- (3) Remove the cassette door as in Fig. 1 so that it is not removed due to carelessness.
- (4) Remove screws (3) to (6) in Photo 4 and then remove the tape mechanism unit.

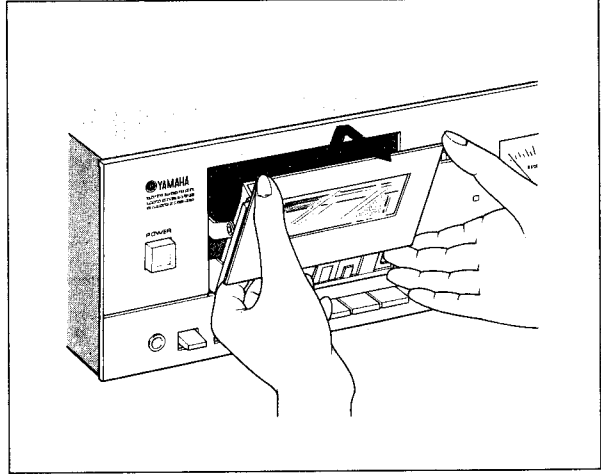


Fig. 1

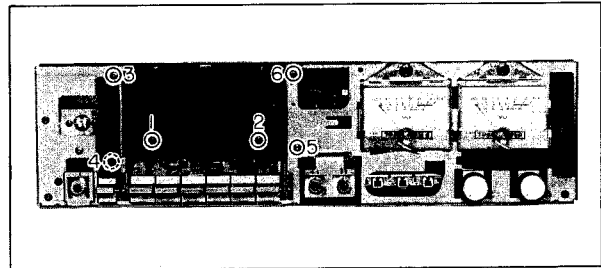


Photo 4

5. PB/REC circuit board removal

- (1) Remove the front panel.
- (2) Disconnect all the leads which are connected to the PB/REC circuit board.
- (3) Grasp the PB/REC switch flexible wire between your fingers as in Photo 5 and remove it. Depress the REC button and check that the PB/REC switch functions properly after remounting the flexible wire.

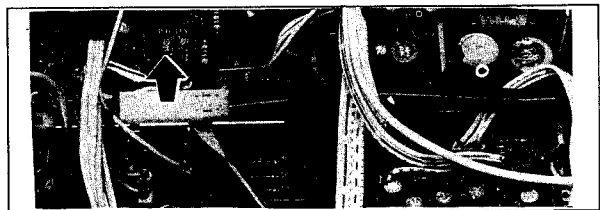


Photo 5

- (4) Push down on plastic rivets (1) to (3) in Photo 8 from the rear and remove them.
- (5) Remove nuts (3) to (4) in Photo 6 and also stopper (5) and (6).
- (6) Remove screws (1) to (3) in Photo 7 and then remove the PB/REC circuit board.
 Note: Before removing the circuit board, be careful not to force the pin connectors, variable resistors and switch shafts.

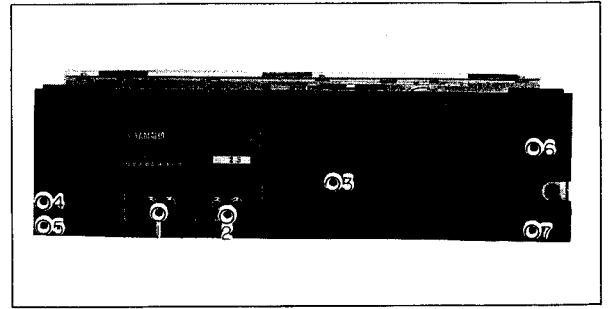


Photo 8

6. Level meter removal

- (1) Remove the front panel. (Refer to Step 3.)
- (2) Disconnect the lead wires which are connected to the level meters.
- (3) If the both ends (A) and (B) of the meter cover in Photo 6 are held lightly from the rear back panel and the meter cover is then pulled forward, both the meter cover and the level meters can be removed.

7. Power switch removal

- (a) Remove the front panel. (Refer to Step 3.)
- (b) Remove screws (7) and (8) in Photo 6 and then remove the power switch.

8. PHONES jack removal

- (a) Remove the front panel. (Refer to Step 3.)
- (b) Remove the stopper (9) in Photo 6 and then remove the PHONES jack.

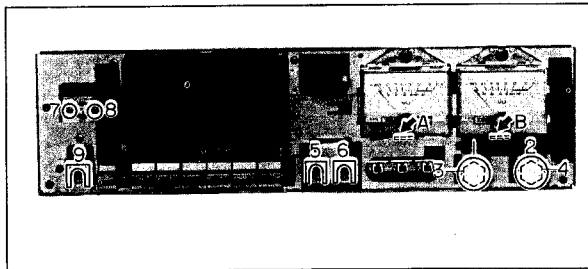


Photo 6

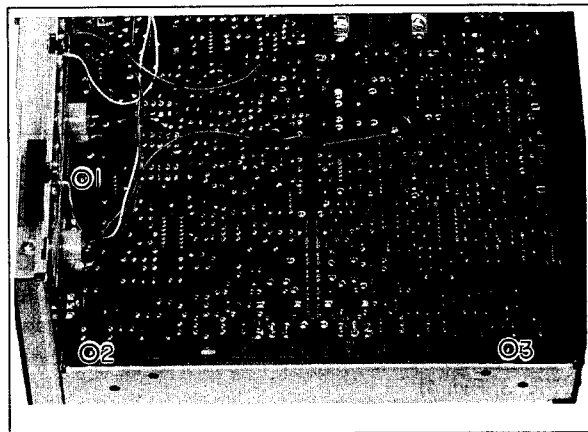


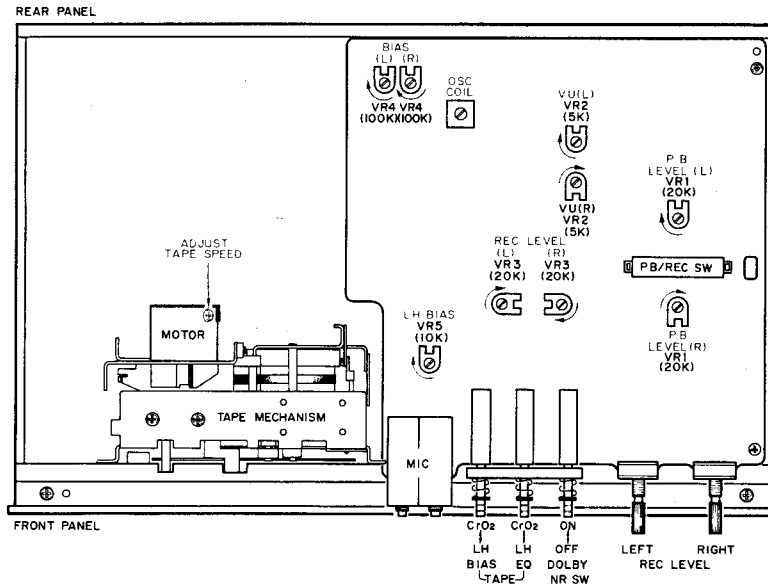
Photo 7

ELECTRICAL ADJUSTMENTS

* Before electrical adjustments

1. Demagnetize the recording tape with a tape eraser.
2. Do not bring the standard tape into contact with a magnet or place it in the sun.
3. Do not scratch or otherwise damage the heads during adjustment.
4. Take steps to safeguard against external induction and noise during the measurements.
5. Connect a 100-k ohm load resistance for the LINE OUT and a 8-ohm load resistance for the PHONES.

● PB/REC CIRCUIT BOARD ADJUSTMENT LOCATIONS



* Test Tape

The level referred to in the section "Adjustment" is based on the case of using 160 nWb/m. Note that 200 nWb/m tape increases the level by 3 dB and 250 nWb/m tape, by 4 dB.

1. Head azimuth adjustment

Play back the LCT-3013 test tape (10 kHz 250 nWb/m, -10 dB) and adjust the angle of the PB/REC head adjustment screw so that the output of both channels is brought to the maximum and the phase is identical. (Fig. 1, Fig. 2)

* Note: Lock the screw after adjustment.

Use the LCT-3004 (6.3 kHz 250 nWb/m, -10 dB) test tape and measure the amplitude of the level fluctuations.

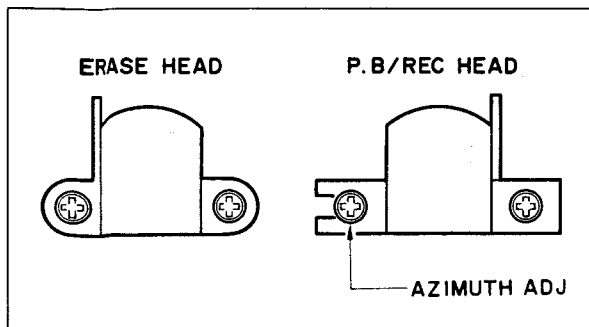


Fig. 1

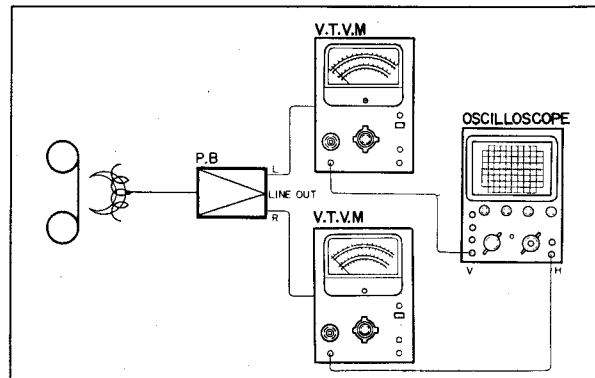


Fig. 2

2. Tape speed adjustment

Play back the center portion of the LCT-3001 (3 kHz 250 nWb/m, -10 dB) test tape and adjust the speed of the monitor so that the playback frequency response is 3 kHz \pm 10 Hz with specification. (Fig. 3, Fig. 4)

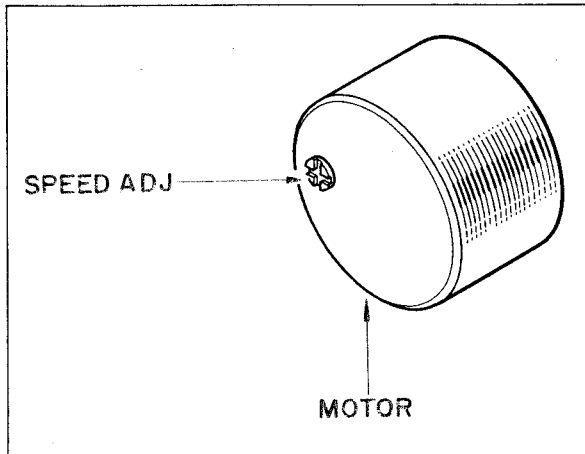


Fig. 3

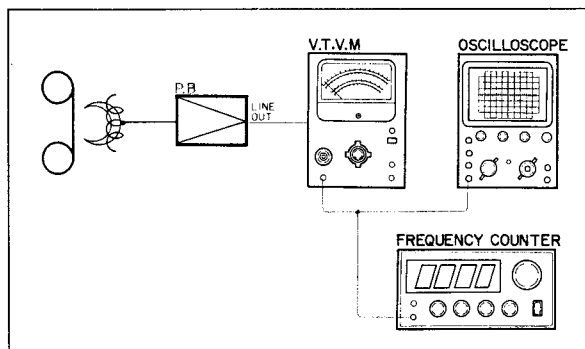


Fig. 4

3. Wow/flutter measurement

Play back the LCT-3001 (3 kHz 250 nWb/m, -10 dB) test tape and measure the wow/flutter at the start, center and end of the tape. Check that the measured values are within the specified range (JIS, less than 0.085% WRMS). (Fig. 5)

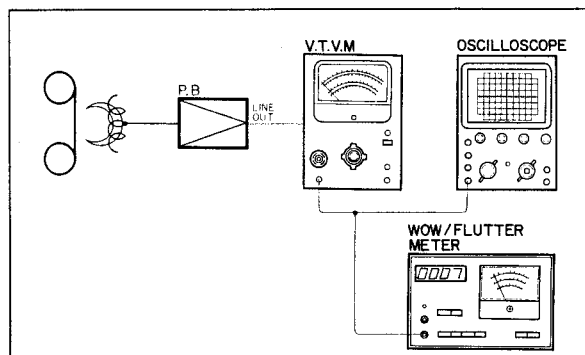


Fig. 5

4. Playback level adjustment

Play back the LCT-3003-160 (333 Hz, 160 nWb/m) test tape and adjust VR1 (20 kohms) for both channels so that the output at the LINE OUT terminals is -5.5 dBm ±0.5 dB. (Fig. 6)

5. Playback Signal-to-Noise ratio measurement

Play back the LCT-3003S test tape and check that the LINE OUT terminal output is -5.5 dBm for the both LH and CrO₂ tapes.

Next, depress the PAUSE button and check that the noise level is within the specified range.

6. Dolby level check

Play back the LCT-7001 (400 Hz, 200 nWb/m) test tape and check that the output is -2.5 dBm ±1.5 dB. (Fig. 6)

Note: Set the Dolby NR switch to ON.

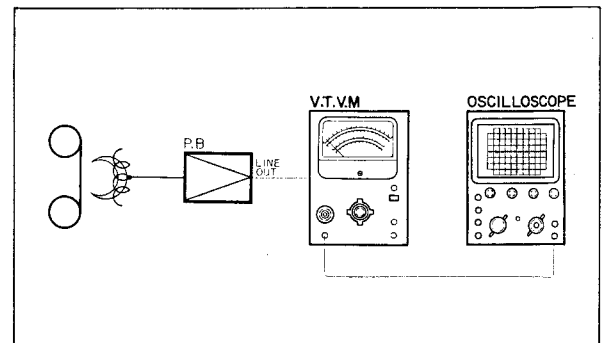


Fig. 6

7. Dolby effect measurement

Play back the Dolby effect measurement tape (5 kHz, -30 dB) and check that the deviation in the output when the Dolby NR switch is set to both ON and OFF is less than -8 dB. (Fig. 8)

Note: Connect the specified Dolby filter.

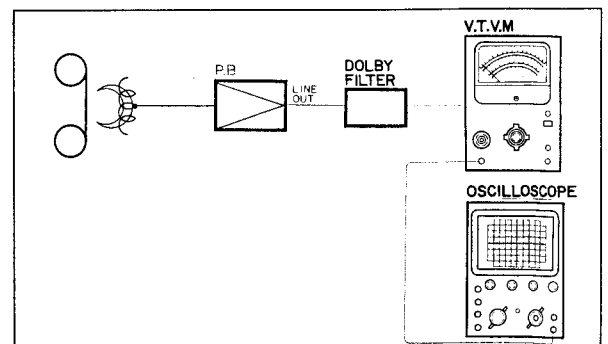


Fig. 7

8. Playback frequency response measurement

Play back the LCT-3031C test tape and check that the frequency response is within the specified zone in Fig. 8. Set the TAPE switch to the LH position. Now set the position of the switch from LH to

CrO₂ and check that the deviation at 10 kHz is -4.5 dBm ±1 dB. (Fig. 7, Fig. 8)

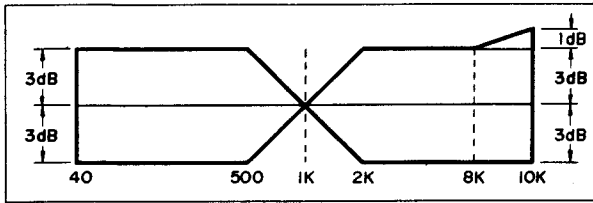


Fig. 8

9. VU meter adjustment

Apply a 1 kHz -20 dBm signal to the LINE IN terminals and adjust the REC LEVEL controls for both channels so that a signal of -5.5 dBm is produced at the LINE OUT terminals. (Fig. 9) and adjust VR 2 (5 k-ohms) for both channels at the VU meter deflects to 0VU.

10. Headphone output measurement

Apply a 1 kHz -20 dBm signal to the LINE IN terminals and adjust the REC LEVEL controls for both channels so that a signal of -5.5 dBm is produced at the LINE OUT terminals. Check that the output level of the PHONES jack is -23 dbm ±2 dB (at 8-ohm load) and that the channel balance is less than 3 dB. (Fig. 9)

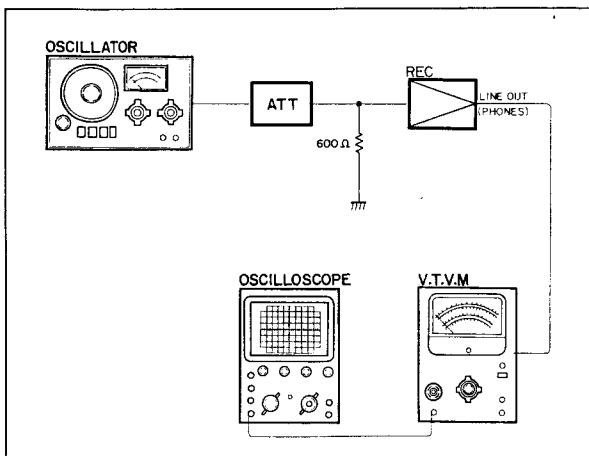


Fig. 9

11. Bias current temporary adjustment

Set to the recording mode but do not apply a signal. Adjust VR4 (100 kohms) for both channels to set the bias current at the end of R1 (10 ohms) resistor of the PB/REC head. (Fig. 10)

12. Bias oscillator frequency measurement

Set to the recording mode but do not apply a signal. Measure the bias oscillator frequency at the end of R1 (10 ohms) resistor of the PB/REC head and

check that it is 85 kHz ±3 kHz (specification: 85 kHz ± 8 kHz). If the frequency deviates widely rotate the oscillator coil core and adjust to 85 kHz. (Fig. 11)

Note: Lock the screw after adjustment.

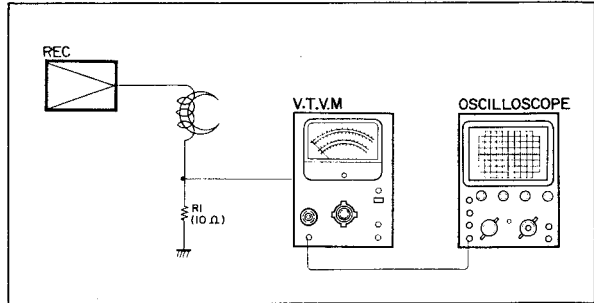


Fig. 10

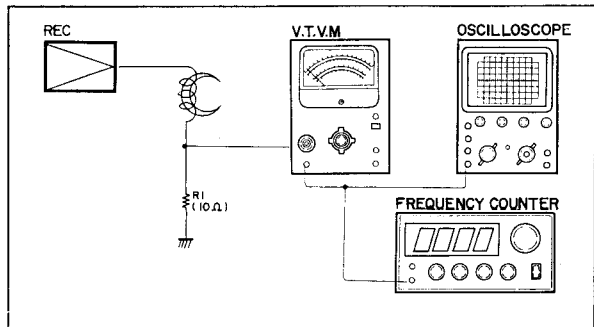


Fig. 11

13. Recording level adjustment

Apply a 1 kHz -20 dBm signal to the LINE IN terminals and adjust the REC LEVEL controls for both channels for a level of -5.5 dBm ±0.5 dB at the LINE OUT terminals. Now record and play back, and adjust VR3 (20 kohms) so that the output at the LINE OUT terminals is -5.5 dBm for both channels. (Fig. 12) Use an LH tape for the adjustment. Make the channel deviation less than 3 dB.

14. Overall frequency response

1) When the Dolby NR switch is set to OFF
 Apply a 333 Hz, -20 dBm signal to the LINE IN terminals. Adjust the REC LEVEL controls for both channels for a level of -5.5 dBm at the LINE OUT terminals.
 Now make the input level -40 dBm. With an LH tape, apply a 63 Hz to 12 kHz signal and with a CrO₂ tape, apply a 63 Hz to 14 kHz signal. Record and play back the signals and check that the output level at each of the frequencies is within the specified zone in Fig. 13
 Make the channel balance less than 6 dB with 12 kHz frequency.

- 2) When the Dolby NR switch is set to ON Apply a 333 Hz -20 dBm signal to the LINE IN terminals and adjust the REC LEVEL controls for both channels for a level of -5.5 dBm at the LINE OUT terminals.
 Now make the input level -40 dBm. Record and play back 63 Hz to 12 kHz signals on both the LH and CrO₂ tapes and check that the output level at each of the frequencies is within the specified zone in Fig. 14.
 Make the channel balance less than 6 dB with 12 kHz frequency.

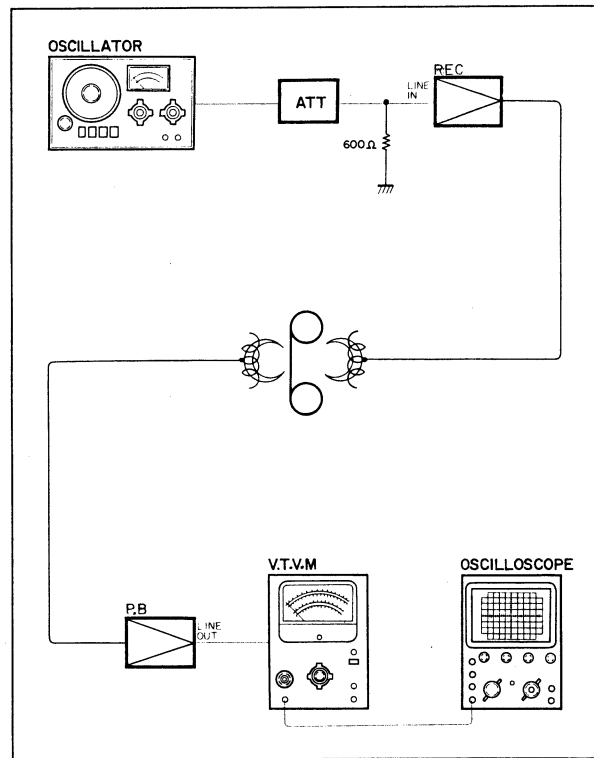


Fig. 12

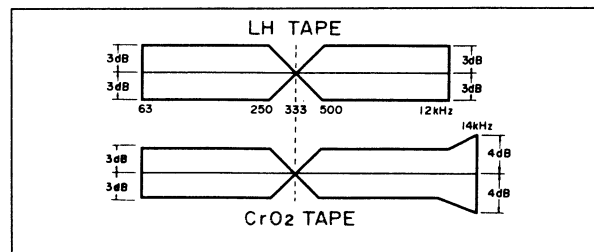


Fig. 13

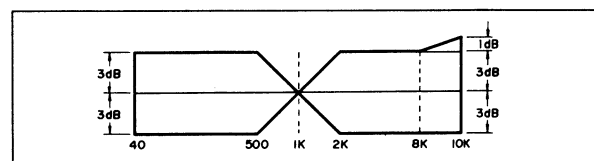


Fig. 14

15. Overall distortion measurement

Apply a 1 kHz -20 dBm signal to the LINE IN terminals and adjust the REC LEVEL controls for both channels for a level of -5.5 dBm at the LINE OUT terminals.
 Check that the distortion is less than 2.0% for the LH tape and less than 2.5% for the CrO₂ tape. (Fig. 15)

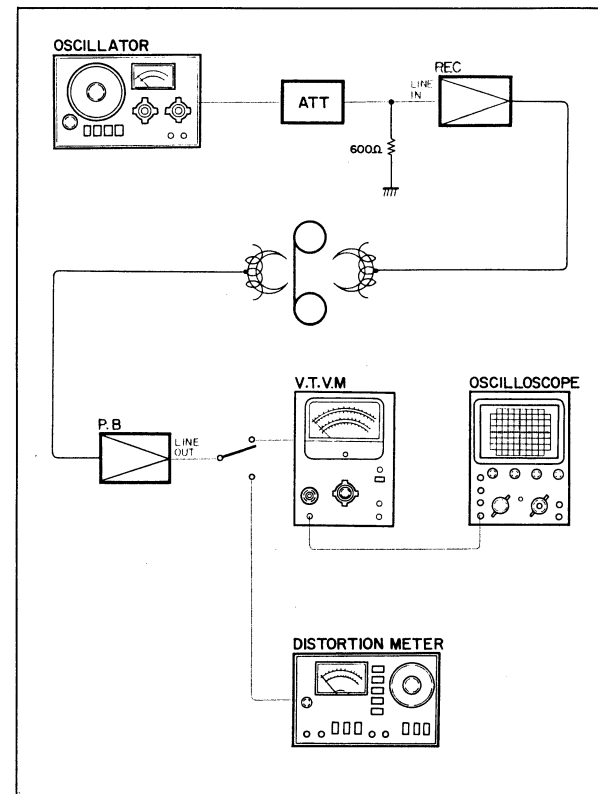


Fig. 15

16. Overall Signal-to-Noise ratio measurement

Apply a 1 kHz -20 dBm signal to the LINE IN terminals and adjust the REC LEVEL controls for both channels for a level of -5.5 dBm at the LINE OUT terminals, and record.
 Now short the LINE IN terminals and record without applying a signal.
 Rewind the tape and play it back. Check that the difference in the signal-recorded and non-signal-recorded section levels is:

- * More than 40 dB for the LH tape when the Dolby NR switch is set to OFF.
- * More than 44 dB for the CrO₂ tape when the Dolby NR switch is set to ON.

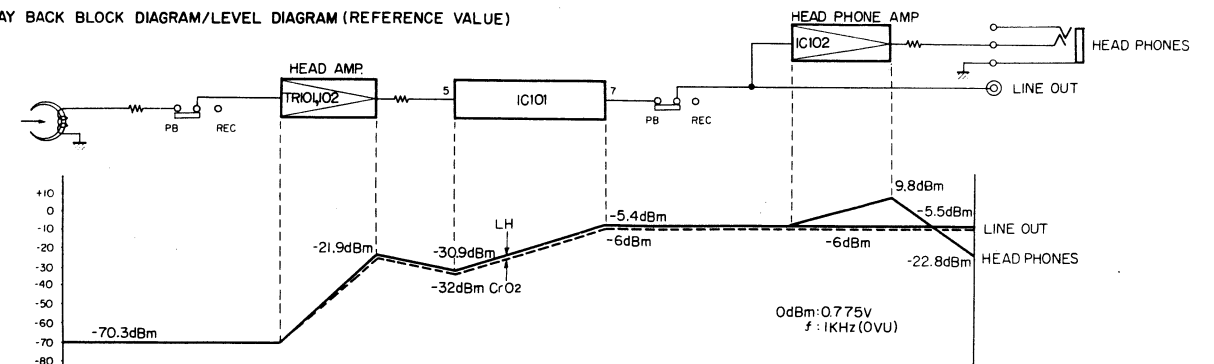
Note: The connections are the same as those in Fig. 12.

SPECIFICATIONS

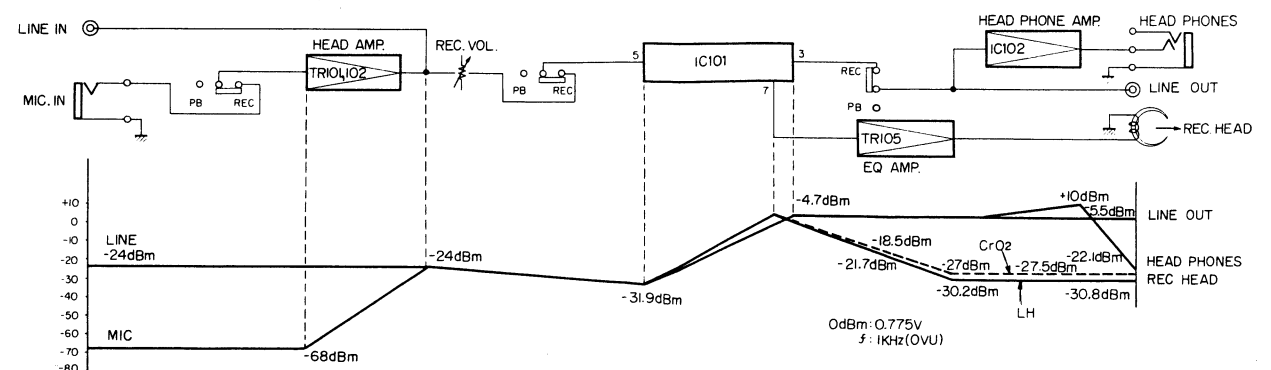
- Track Configuration : 4-track 2-channel stereo cassette deck
- MECHANICAL
 - Wow & flutter : Less than 0.06% (WRMS)
Less than 0.2 % (DIN)
 - Tape speed : 4.8 cm/sec. ±2%
 - Rapid transport (F. FWD/REW) : Within 90 sec. (for C-60)
 - Motor : 1-DC motor with electronic governor
 - Recording/Playback head : Hard-Permalloy
 - Erase head : Ferrite
 - Operation : Full auto stop system
 - ELECTRICAL
 - Recording/Playback frequency response : 40 to 14,000 Hz ±3 dB (LH TAPE)
40 to 15,000 Hz ±3 dB (CrO₂ TAPE)
 - Input sensitivity : Mic 0.3 mV/5 kΩ (0 VU)
Line 50 mV/90 kΩ
 - Output level/Impedance : Line 400 mV/at 50 kΩ (0 VU)
Phone 3 mW/at 150Ω (0 VU)
 - Bias frequency : 85 kHz
 - GENERAL
 - Signal to noise ratio : 57 dB without Dolby (LH tape)
 - Dolby NR effect : 9 dB
 - Overall distortion : Less than 1.5% at 1 kHz (LH tape)
Less than 2.0% at 1 kHz (CrO₂ tape)
 - Semiconductors : 18 transistors
6 ICs
11 diodes
1 LED
 - Power consumption : 12W
 - Dimensions (W x H x D) : 435 x 140 x 286 mm (17-1/8 x 5-1/2 x 11-1/4")
 - Weight : 5.7 kg (12 lb 9 oz)
 - Power supplies : Canadian model 120V 60 Hz
North European model 220V 50 Hz
General Model 110~130V/220~240V 50/60 Hz
British & Australian model 240V 50 Hz
- Specifications subject to change without notice.*

BLOCK DIAGRAM/LEVEL DIAGRAM

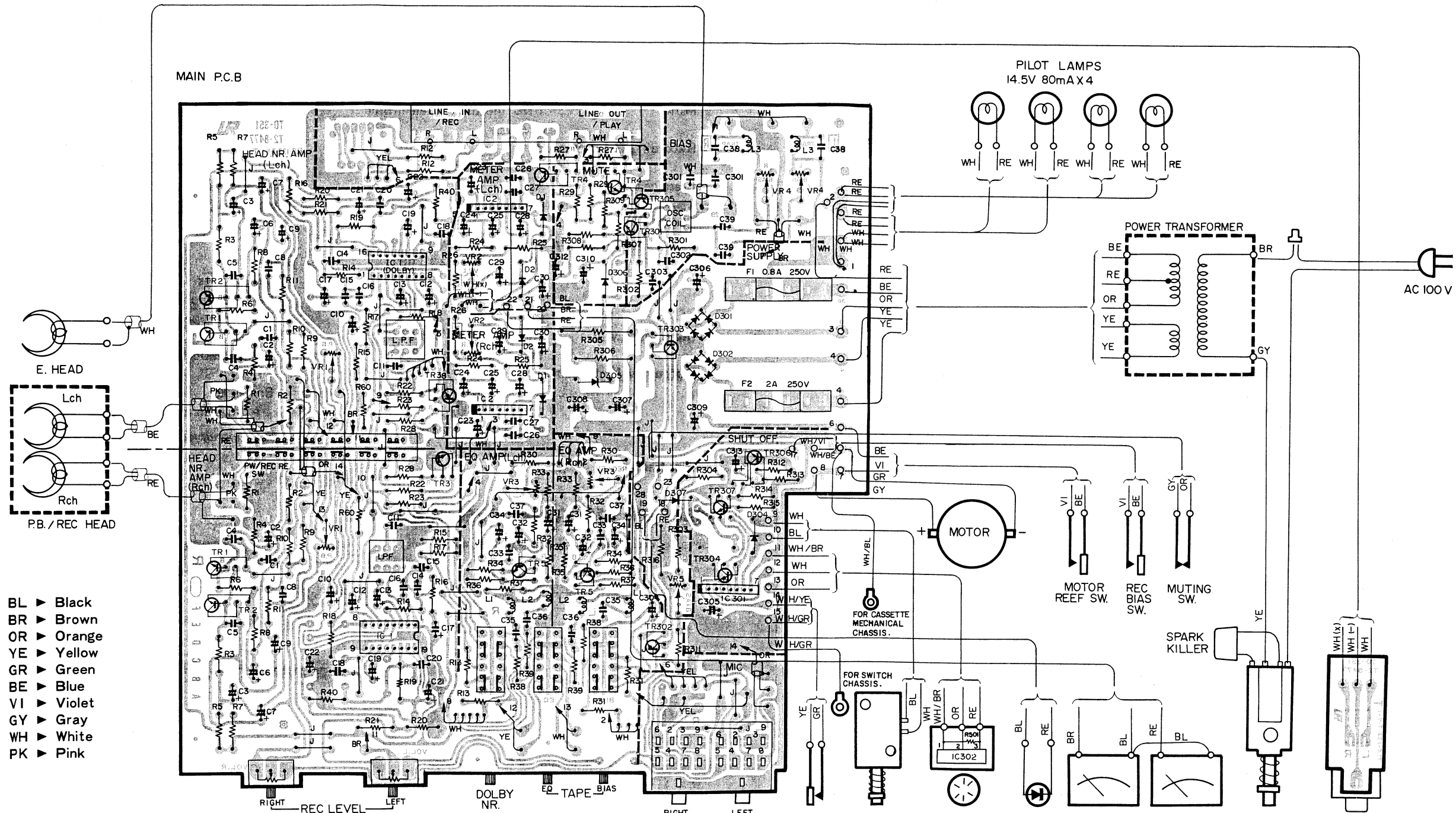
PLAY BACK BLOCK DIAGRAM/LEVEL DIAGRAM (REFERENCE VALUE)



REC BLOCK DIAGRAM/LEVEL DIAGRAM (REFERENCE VALUE)



■ WIRING DIAGRAM



- BL ▶ Black
- BR ▶ Brown
- OR ▶ Orange
- YE ▶ Yellow
- GR ▶ Green
- BE ▶ Blue
- VI ▶ Violet
- GY ▶ Gray
- WH ▶ White
- PK ▶ Pink

- The circuit board diagram is as viewed from the parts' side.
- In the circuit diagram, parts with the same circuit numbers for the left and right channels are numbered by 100s for the left channel's and by 200s for the right channel's.

| | CIRCUIT BOARD | SCHEMATIC DIAGRAM |
|-----|---------------|-------------------|
| Lch | TR1, TR2..... | TR101, TR102..... |
| | R1, R2..... | R101, R102..... |
| | C1, C2..... | C101, C102..... |
| Rch | TR1, TR2..... | TR201, TR202..... |
| | R1, R2..... | R201, R202..... |
| | C1, C2..... | C201, C202..... |

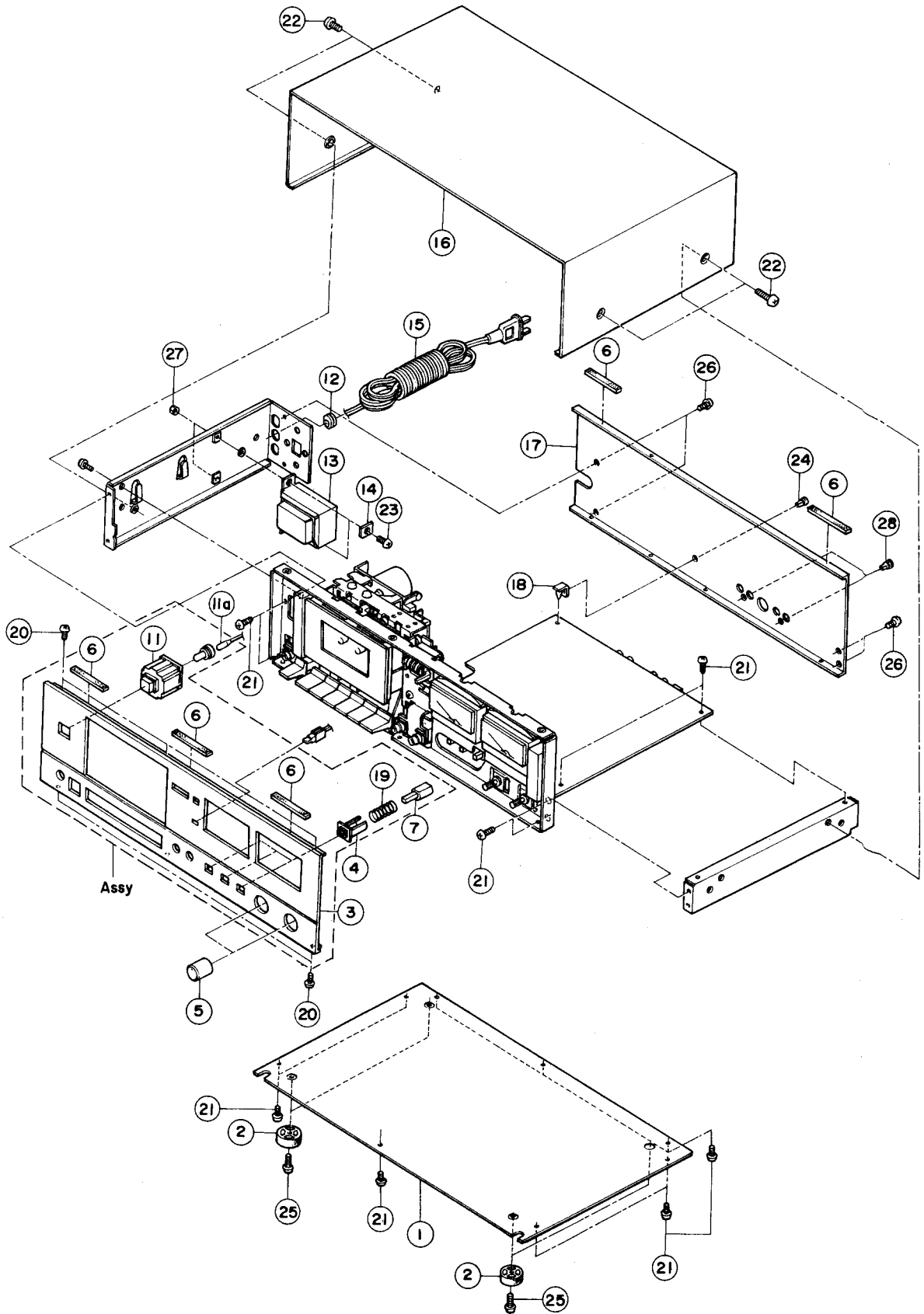
• This circuit board diagram is a standard diagram, and may be subject to change for improvement.



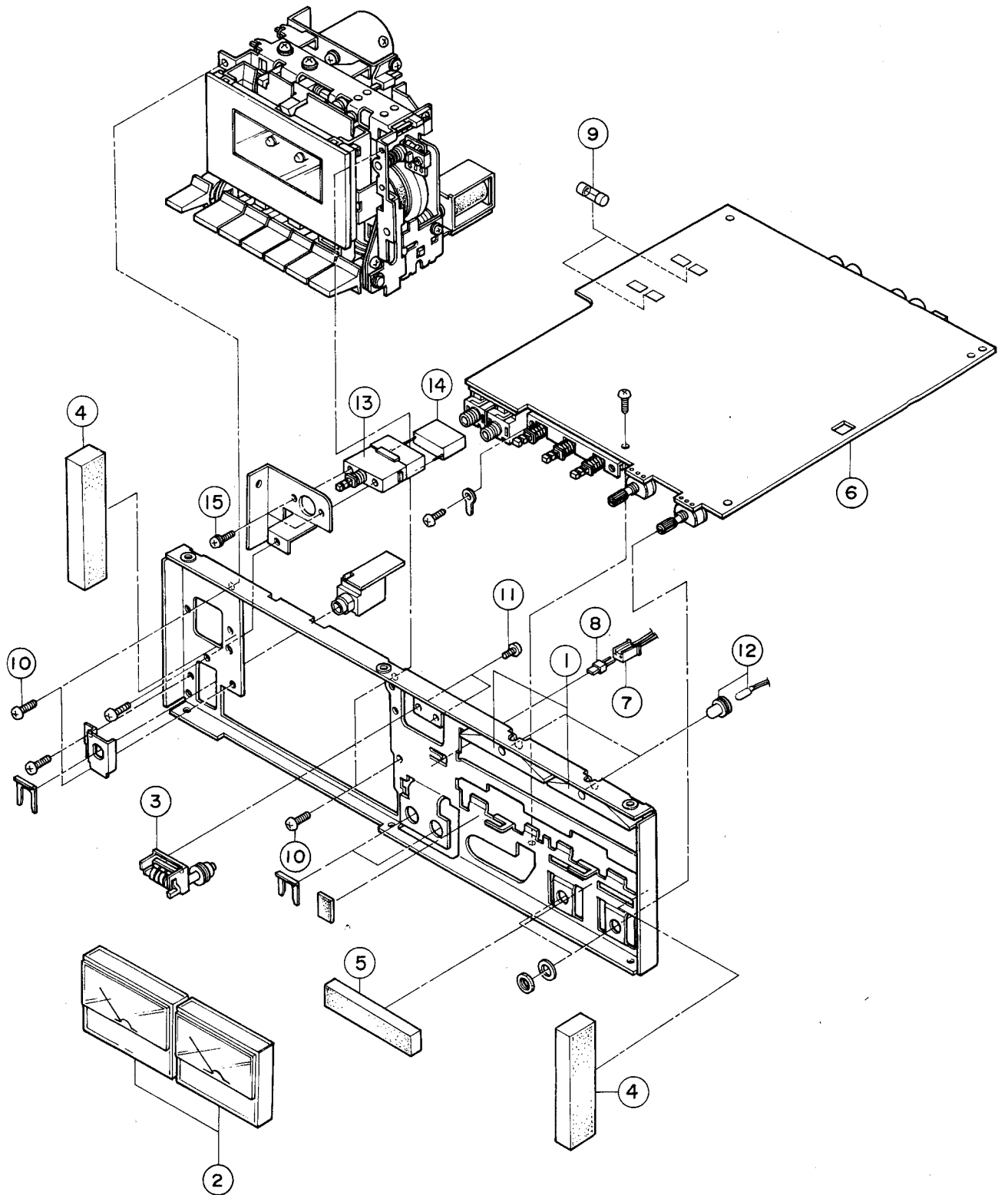
PARTS LIST

TC-320α

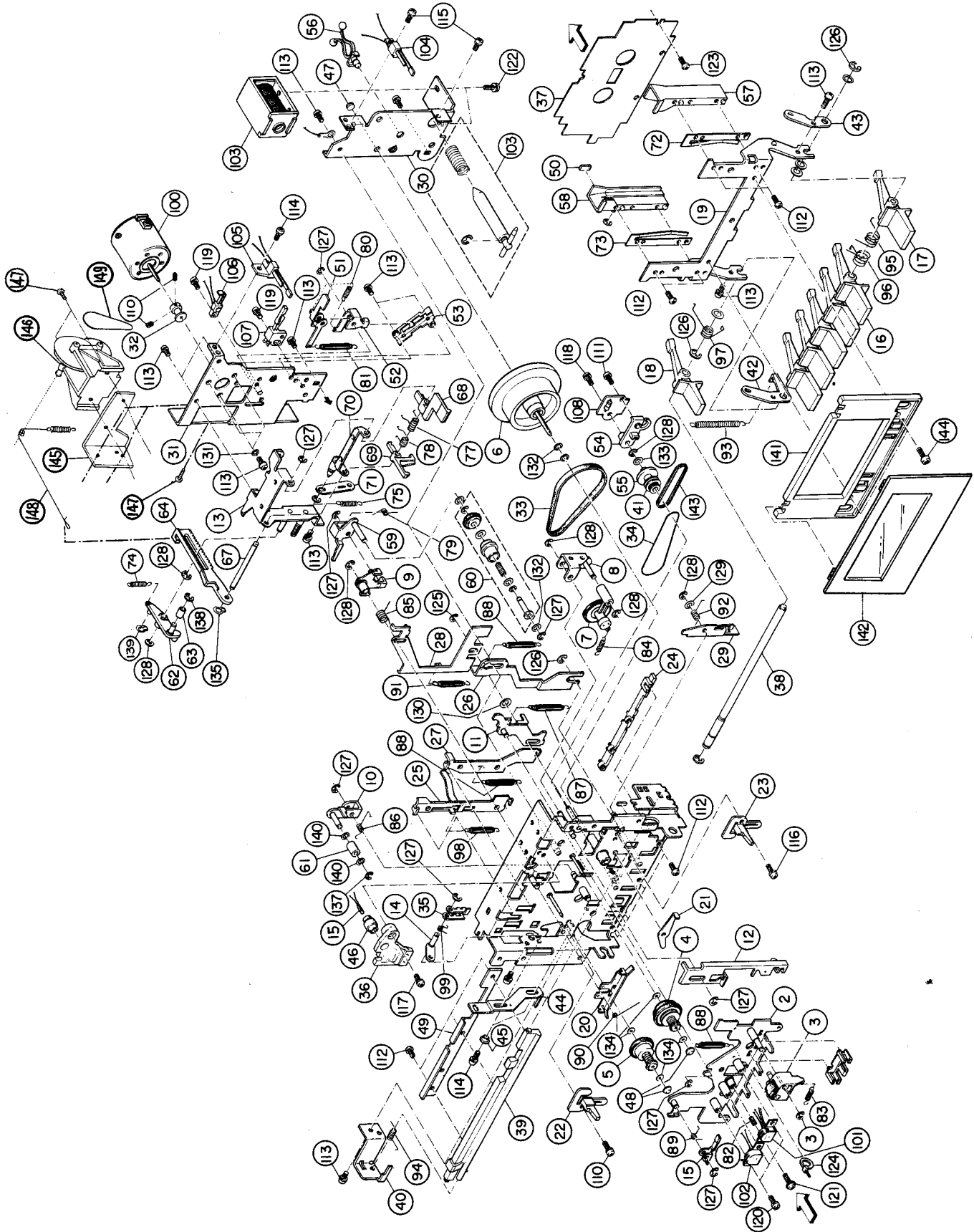
TC-320a EXPLODED VIEW(1)



TC-320α EXPLODED VIEW(2)



TC-320a EXPLODED VIEW(3)



PARTS LIST

TC-320α

| Ref. No. | Part No. | Description | (部 品 名) | Remarks | Common model | Markets |
|----------|-------------------------------------|---|-----------------|---------|--------------|---------|
| 2 | 32:00:00 SX:70:08:30 | Head Base Assembly | ヘッドベース組立 | | | |
| 3 | 32:00:00 SX:70:08:40 | Pinch Roller Arm Assembly | ピンチローラーアーム組立 | | | |
| 4 | 32:00:00 SX:70:08:50 | Reel Base Assembly (Take-up) | リール受台組立(A) | | | |
| 5 | 32:00:00 SX:70:08:60 | " (Supply) | " (B) | | | |
| 6 | 32:00:00 SX:70:08:70 | Flywheel Assembly | フライホイール組立 | | | |
| 7 | 32:00:00 SX:70:08:80 | Take-up Idler Assembly | TUアイドラー組立 | | | |
| 8 | 32:00:00 SX:70:08:90 | Take-up Lever Assembly | TUレバー組立 | | | |
| 9 | 32:00:00 SX:70:09:00 | F.R Lever Assembly | FRレバー組立 | | | |
| 10 | 32:00:00 SX:70:09:10 | Idler B Lever Assembly | アイドラーBレバー組立 | | | |
| 11 | 32:00:00 SX:70:09:20 | Head Base Actuating Assembly | ヘッドベース作動板組立 | | | |
| 12 | 32:00:00 SX:70:09:30 | Pause Interlocking Lever Assembly | ポーズ連動レバー組立 | | | |
| 13 | 32:00:00 SX:70:09:40 | Cassette Holding Mounting Plate Assembly | カセット押え取付板組立 | | | |
| 14 | 32:00:00 SX:70:09:50 | REC Stopper Mounting Assembly | RECストッパー取付組立 | | | |
| 15 | 32:00:00 JB:00:06:80 | Pilot Lamp 14.5V 80mA | パイロットランプ | | | |
| 16 | 32:00:00 SX:70:09:70 SX:00:09:80 | Push Button Lever (Silver) " | 押ボタンレバー | | | |
| 17 | 32:00:00 SX:70:09:90 SX:70:10:00 | PAUSE Button Lever Assembly (Silver) " | PAUSEボタンレバー組立 | | | |
| 18 | 32:00:00 SX:70:10:10 SX:70:10:20 | EJECT Button Lever (Silver) " | EJECTボタンレバー | | | |
| 19 | 32:00:00 SX:70:10:30 | Cassette Holder | カセットホルダー | | | |
| 20 | 32:00:00 SX:70:10:40 | Brake Lever | ブレーキレバー | | | |
| 21 | 32:00:00 SX:70:10:50 | Pinch Roller Actuating Plate | ピンチローラー作動板 | | | |
| 22 | 32:00:00 SX:70:10:60 | Head Base Holding (LEFT) | ヘッドベース押え(L) | | | |
| 23 | 32:00:00 SX:70:10:70 | " (RIGHT) | " (R) | | | |
| 24 | 32:00:00 SX:70:10:80 | Stopper Push Button | 押ボタンストッパー | | | |
| 25 | 32:00:00 SX:70:10:90 | REC Lever | RECレバー | | | |
| 26 | 32:00:00 SX:70:11:00 | F.F Lever | F.Fレバー | | | |
| 27 | 32:00:00 SX:70:11:10 | REW Lever | REWレバー | | | |
| 28 | 32:00:00 SX:70:11:20 | Brake Actuating Lever | ブレーキ作動レバー | | | |
| 29 | 32:00:00 SX:70:11:30 | Pause Lock Plate | ポーズロック板 | | | |
| 30 | 32:00:00 SX:70:11:40 | Flywheel Base | フライホイール受板 | | | |
| 31 | 32:00:00 SX:70:11:50 | Motor Base Assembly | モーター受板組立 | | | |
| 32 | 32:00:00 SX:70:11:60 | Motor Pulley | モータープーリー | | | |
| 33 | 32:00:00 SX:70:11:70 | Belt Motor φ66.9×0.4 | 平ベルト | | | |
| 34 | 32:00:00 SX:70:75:80 | Belt Index Counter | カウンターベルト | | | |
| 35 | 32:00:00 SX:70:11:90 | REC Stopper | レックストッパー | | | |
| 36 | 32:00:00 SX:70:77:10 | Prism, Pilot Lamp (Tape) | 照明プリズム | | | |
| 37 | 32:00:00 SX:70:12:10 | Cassette Guide Plate | 化粧板 | | | |
| 38 | 32:00:00 SX:70:12:20 | Shaft, Push Button | 押ボタン軸 | | | |
| 39 | 32:00:00 SX:70:12:30 | Lock Plate, Push Button | 押ボタンロック板 | | | |
| 40 | 32:00:00 SX:70:12:40 | Holder Push Button Lock Plate | 押ボタンロック板ホルダー | | | |
| 41 | 32:00:00 SX:70:12:50 | INDEX Idler, Counter | カウンターアイドラー | | | |
| 42 | 32:00:00 SX:70:12:60 | Mounting Plate for Cassette Holder (Left) | カセットホルダー固定板(L) | | | |
| 43 | 32:00:00 SX:70:12:70 | " (Right) | " (R) | | | |
| 44 | 32:00:00 SX:70:12:80 | EJECT Lever | EJECTレバー | | | |
| 45 | 32:00:00 SX:70:12:90 | Spacer, EJECT Lever | EJECTレバーカラン | | | |
| 46 | 32:00:00 SX:70:77:20 | Holder, Pilot Lamp | ランプチューブ | | | |
| 47 | 32:00:00 SX:70:77:30 | Flywheel Adjust Screw | フライホイール調整ネジ | | | |
| 48 | 32:00:00 SX:98:83:90 | Cap, Reel Shaft | リール軸キャップ | | | |
| 49 | 32:00:00 SX:70:13:10 | Spacer, Lock Plate | ロック板補強板 | | | |
| 50 | 32:00:00 SX:70:13:20 | Damper | ビリ止めクッション | | | |
| 51 | 32:00:00 SX:70:13:30 | Over Stroke Lever (A) | オーバーストロークレバー(A) | | | |
| 52 | 32:00:00 SX:70:13:40 | " (B) | " (B) | | | |
| 53 | 32:00:00 SX:70:13:50 | Cable Holder | ケーブルホルダー | | | |
| 54 | 32:00:00 SX:70:13:60 | Holder, Hole Element | ホール素子固定板 | | | |

* : New Part (新部品)

TC-320a

| Ref. No. | Part No. | | | Description | (部 品 名) | Remarks | Common model | Markets |
|----------|----------|-------------|---------------------------------|--------------|---------|---------|--------------|---------|
| 55 | 32:00:00 | SX:70:13:60 | Magnet | 終端検出マグネット | | | | |
| 56 | 32:00:00 | SX:98:30:60 | Lead Lock | バースロック | | | | |
| 57 | 32:00:00 | SX:70:13:80 | Cassete Guide (Right) | カセットガイド(R) | | | | |
| 58 | 32:00:00 | SX:70:13:90 | " (Left) | " (L) | | | | |
| 59 | 32:00:00 | SX:70:14:00 | Idler Lever Assembly | アイドラーレバー組立 | | | | |
| 60 | 32:00:00 | SX:70:14:10 | Idler Assembly (A) | アイドラーA組立 | | | | |
| 61 | 32:00:00 | SX:70:14:20 | " (B) | アイドラーB組立 | | | | |
| 62 | 32:00:00 | SX:70:14:30 | Hook Lever Assembly | フックレバー組立 | | | | |
| 63 | 32:00:00 | SX:70:14:40 | Roller | ローラー | | | | |
| 64 | 32:00:00 | SX:70:14:50 | Lock Plate, Cassete Holder | カセットホルダーロック板 | | | | |
| | | | | | | | | |
| 67 | 32:00:00 | SX:70:14:80 | Shaft, Detection Record Lock | 録音防止レバー軸 | | | | |
| 68 | 32:00:00 | SX:70:14:90 | Cassete Holding | カセット押え | | | | |
| 69 | 32:00:00 | SX:70:15:00 | Detection Record Lock | 録音防止レバー | | | | |
| 70 | 32:00:00 | SX:70:15:10 | EJECT Lever (B) Assembly | EJECTレバーB組立 | | | | |
| 71 | 32:00:00 | SX:70:15:20 | EJECT Interlocking Lever | EJECT連動レバー | | | | |
| 72 | 32:00:00 | SX:70:15:30 | Cassete Holding Spring (Right) | カセット押えバネ(R) | | | | |
| 73 | 32:00:00 | SX:70:15:40 | " (Left) | " (L) | | | | |
| | | | | | | | | |
| 75 | 32:00:00 | SX:70:15:60 | EJECT Interlocking Lever Spring | EJECT連動レバーバネ | | | | |
| 76 | 32:00:00 | SX:70:15:70 | Spring | 圧着バネ | | | | |
| 77 | 32:00:00 | SX:70:15:80 | " Cassete Holding | カセット押えバネ | | | | |
| 78 | 32:00:00 | SX:70:15:90 | " Detection Record Lock | 録音防止レバーバネ | | | | |
| 79 | 32:00:00 | SX:70:16:00 | " Idler Lever | アイドラーレバーバネ | | | | |
| 80 | 32:00:00 | SX:70:16:10 | " Over Stroke | オーバーストロークバネ | | | | |
| 81 | 32:00:00 | SX:70:16:20 | " | " | | | | |
| 82 | 32:00:00 | SX:98:87:10 | Spring, Head Adjust | ヘッド調整バネ | | | | |
| 83 | 32:00:00 | SX:70:16:30 | " Pinch Roller | ピンチローラーバネ | | | | |
| 84 | 32:00:00 | SX:70:16:40 | " Take-up Lever | TUレバーバネ | | | | |
| 85 | 32:00:00 | SX:70:16:50 | " F.R Lever | F.Rレバーバネ | | | | |
| 86 | 32:00:00 | SX:70:16:60 | " Idler (B) | アイドラー(B)バネ | | | | |
| 87 | 32:00:00 | SX:70:16:70 | " Head Base Actuating | ヘッドベース作動板バネ | | | | |
| 88 | 32:00:00 | SX:70:16:80 | " Head Base | ヘッドベースバネ | | | | |
| 89 | 32:00:00 | SX:70:16:90 | " Tension Lever | テンションレバーバネ | | | | |
| 90 | 32:00:00 | SX:70:17:00 | " Brake Lever | ブレーキレバーバネ | | | | |
| 91 | 32:00:00 | SX:70:17:10 | " Brake Actuating Lever | ブレーキ作動板バネ | | | | |
| 92 | 32:00:00 | SX:70:17:20 | " PAUSE Lock Plate | PAUSEロック板バネ | | | | |
| 93 | 32:00:00 | SX:70:17:30 | " Cassete Holder | カセットホルダーバネ | | | | |
| 94 | 32:00:00 | SX:70:17:40 | " Push Button Lock Plate | 押ボタンロック板バネ | | | | |
| 95 | 32:00:00 | SX:70:17:50 | " PAUSE Button | PAUSEボタンバネ | | | | |
| 96 | 32:00:00 | SX:70:17:60 | " STOP Button | STOPボタンバネ | | | | |
| 97 | 32:00:00 | SX:70:17:70 | " EJECT Button | EJECTボタンバネ | | | | |
| 98 | 32:00:00 | SX:70:17:80 | " REC Lever | RECレバーバネ | | | | |
| 99 | 32:00:00 | SX:70:17:90 | " REC Stopper | RECストップバーバネ | | | | |
| 100 | 32:00:00 | SX:70:18:00 | Motor (MH15R2CHA) | モーター | | | | |
| 101 | 32:00:00 | SX:70:00:10 | Recording / Playback Head | 録再ヘッド | | | | |
| 102 | 32:00:00 | SX:70:00:20 | Erase Head | 消去ヘッド | | | | |
| 103 | 32:00:00 | SX:70:61:00 | Plunger | プランジャー | | | | |
| 104 | 32:00:00 | SX:70:00:40 | Leaf Switch (MSW-0038) | リーフスイッチ | | | | |
| 105 | 32:00:00 | SX:70:00:50 | " (MSW-0058G) | " | | | | |
| 106 | 32:00:00 | SX:70:00:60 | " (MSW-0044) | " | | | | |
| 107 | 32:00:00 | SX:70:18:10 | " (BSW-81) | " | | | | |

* : New Part (新部品)

| Ref. No. | Part No. | | Description | (部 品 名) | Remarks | Common model | Markets |
|----------|----------|-------------|---------------------------------|---------------|---------|--------------|---------|
| 108 | 32:00:00 | SX:70:18:20 | Hole IC P.C.B(A) | ホールICシート(A) | | | |
| 110 | 42:00:00 | EZ:00:04:50 | ⊖ Flat Head Set Screw M2×8 | ⊖平先止めネジ | | | |
| 111 | 42:00:00 | EA:02:60:80 | ⊕ Pan Head Tapping Screw φ2.6×8 | ⊕ナベ小タッピングネジ | | | |
| 112 | 42:00:00 | EA:02:00:60 | " φ2×6 | " | | | |
| 113 | 42:00:00 | EH:02:60:40 | ⊕ Sems Screw M2.6×4 | ⊕バネ座付セムスネジ | | | |
| 114 | 42:00:00 | EH:02:60:60 | " M2.6×6 | " | | | |
| 115 | 42:00:00 | EH:03:00:60 | " M3×6 | " | | | |
| 116 | 42:00:00 | EH:02:60:70 | " M2.6×7 | ⊖平座金付セムスネジ | | | |
| 117 | 42:00:00 | EH:02:61:00 | " M2.6×10 | ⊕バネ座付セムスネジ | | | |
| 118 | 42:00:00 | EH:02:00:40 | " M2×4 | " | | | |
| 119 | 42:00:00 | EH:02:00:50 | " M2×5 | " | | | |
| 120 | 42:00:00 | EH:02:00:60 | " M2×6 | " | | | |
| 121 | 32:00:00 | SX:99:70:20 | ⊕ Toothed Lock Screw M2×5 | ⊕歯付小ネジ | | | |
| 123 | 42:00:00 | EA:02:60:50 | ⊕ Pan-Head Screw M2.6×5 | ⊕ナベ小ネジ | | | |
| 124 | 32:00:00 | SX:98:31:50 | Cord Clumper | コードクランパー | | | |
| 125 | 42:00:00 | EV:50:13:00 | E. Ring φ3×0.6 | Eリング | | | |
| 126 | 42:00:00 | EV:50:14:00 | " φ4×0.6 | " | | | |
| 127 | 42:00:00 | EV:50:12:00 | " φ2×0.4 | " | | | |
| 128 | 42:00:00 | EV:50:12:50 | " φ2.5×0.4 | " | | | |
| 129 | 32:00:00 | SX:99:71:30 | Flat Washer Type- II | 平座金ミガキ丸2種 | | | |
| 130 | 32:00:00 | SX:70:19:00 | Flat Washer φ5.1×0.2 | 平座金 | | | |
| 132 | 32:00:00 | SX:70:19:10 | Polyslider Washer φ2.5×0.25 | ポリスライダークワッシャー | | | |
| 133 | 32:00:00 | SX:98:94:00 | " φ4.1×0.25 | " | | | |
| 134 | 32:00:00 | SX:98:64:80 | " φ1.6×0.25 | " | | | |
| 135 | 32:00:00 | SX:70:19:20 | Grip Ring GS-3 | グリップリング | | | |
| 138 | 42:00:00 | EV:50:12:00 | " φ1.2×0.3 | " | | | |
| 139 | 32:00:00 | SX:70:19:50 | Grip Ring GS-2.5 | グリップリング | | | |
| 140 | 32:00:00 | SX:98:64:70 | Polyslider Washer φ2.1×0.25 | ポリスライダークワッシャー | | | |
| 141 | 32:00:00 | SX:70:03:20 | Lid Holder | リッド固定板 | | | |
| 142 | 32:00:00 | SX:70:75:20 | Cassette Lid (Silver) | リッド化粧板(S) | | | |
| 142 | 32:00:00 | SX:70:80:30 | " (Black) | " (B) | | | |
| 143 | 32:00:00 | SX:70:77:50 | Belt, Tape Counter | カウンターベルト | | | |
| 144 | 42:00:00 | ED:03:00:40 | ⊕ Bind Head Screw M3×4 | ⊕バインド小ネジ | | | |
| 145 | 32:00:00 | SX:70:82:20 | Plate, Damper Unit | ダンパーユニット取付板 | | | |
| 146 | 32:00:00 | SX:70:82:30 | Damper Unit | ダンパーユニット | | | |
| 147 | 42:00:00 | EH:02:60:60 | ⊕ Sems Screw M2.6×6 | ⊕バネ座付セムスネジ | | | |
| 148 | 32:00:00 | SX:70:82:40 | String Assembly | ダンパー糸組立 | | | |
| 149 | 32:00:00 | SX:70:82:50 | Belt, Damper Unit | ダンパーベルト | | | |

※ : New Part (新部品)

TC-320a

| Ref. No. | Part No. | | Description | (部 品 名) | Remarks | Common model | Markets |
|----------------|----------|-------------|-------------------------------------|-------------|--------------------|--------------|---------|
| | | | Main Circuit Board | メイン基板 | | | |
| TR101 TR102 | 42 00 00 | iC 99 02 00 | Transistor 2SC2634C(S.T) | トランジスター | | | |
| TR103 | 42 00 00 | iC 13 27 00 | " 2SC1327(S.T) | " | } inter-changeable | | |
| | 42 00 00 | iC 99 02 00 | " 2SC2634C(S.T) | " | | | |
| | 42 00 00 | iC 08 28 00 | " 2SC828 (R.S) | " | | | |
| | 42 00 00 | iC 99 00 40 | " 2SC536 (F.G) | " | | | |
| TR201 TR202 | 42 00 00 | iC 99 02 00 | " 2SC2634C(S.T) | " | } inter-changeable | | |
| TR203 | 42 00 00 | iC 13 27 00 | " 2SC1327 (S.T) | " | | | |
| | 42 00 00 | iC 99 02 00 | " 2SC2634C(S.T) | " | | | |
| | 42 00 00 | iC 08 28 00 | " 2SC828 (R.S) | " | | | |
| | 42 00 00 | iC 99 00 40 | " 2SC536 (F.G) | " | | | |
| TR301 | 42 00 00 | iC 99 00 70 | " 2SC1214 (C) | " | | | |
| TR302 | 42 00 00 | iD 04 00 00 | " 2SD400(E) | " | | | |
| TR303 TR304 | 42 00 00 | iC 99 00 60 | " 2SC2209 (Q) | " | | | |
| TR305 | 42 00 00 | iA 99 00 10 | " 2SA564 (R) | " | | | |
| TR306 TR307 | 42 00 00 | iC 99 02 00 | " 2SC2634C (S.T) | " | | | |
| D101 D102 | 42 00 00 | iF 00 03 30 | Diode 1S188AMTP | ダイオード | | | |
| D201 D202 | 42 00 00 | iF 00 03 30 | " | " | | | |
| D301 D302 | 32 00 00 | SX 70 01 80 | Bridge Diode W005 G.I | ブリッジダイオード | | | |
| D304 | 42 00 00 | iH 00 00 60 | Diode 1N4002 (1N4003)G.I | ダイオード | | | |
| D305 | 42 00 00 | iF 99 01 00 | Zener Diode WZ-182 | ツェナーダイオード | | | |
| D306 D307 | 42 00 00 | iF 00 06 70 | Diode 1N2473TP | ダイオード | | | |
| IC101 | 42 00 00 | iG 99 00 90 | IC NE646B | IC | | | |
| IC102 | 42 00 00 | iG 00 24 50 | " TA7140P | " | | | |
| IC201 | 42 00 00 | iG 99 00 90 | " NE646B | " | | | |
| IC202 | 42 00 00 | iG 00 24 50 | " TA7140P | " | | | |
| IC301 | 42 00 00 | iG 99 00 50 | " AN6250 | | | | |
| L101 | 32 00 00 | SX 70 20 80 | Fixed Inductor 6.8mH | 固定インダクター | | | |
| L102 | 32 00 00 | SX 70 20 70 | " 4.7mH | " | | | |
| L103 | 32 00 00 | SX 70 20 90 | " #7106 12mH | " | | | |
| L201 | 32 00 00 | SX 70 20 80 | " 6.8mH | " | | | |
| L202 | 32 00 00 | SX 70 20 70 | " #7106 4.7mH | " | | | |
| L203 | 32 00 00 | SX 70 20 90 | " #7106 12mH | " | | | |
| | 32 00 00 | SX 70 01 90 | Low Pass Filter VSL 221G85 | ローパスフィルター | | | |
| | 32 00 00 | SX 70 20 60 | OSC Coil | バイアスOSCコイル | | | |
| | 32 00 00 | SX 70 21 00 | Slide Switch CL212R | 録再スイッチ | | | |
| | 32 00 00 | SX 70 21 10 | Variable Resistor 50KA 16φ | 単連ボリューム | | | |
| | 42 00 00 | KA 99 00 10 | Push Switch 12J-8S193 | 3連プッシュSW | | | |
| | 42 00 00 | EH 03 00 60 | Sems Screw M3×6 | バネ座付セムスネジ | | | |
| | 42 00 00 | LB 99 00 10 | Mic Jack (Silver) | マイクジャック | | | |
| | 32 00 00 | SX 70 81 70 | " (Black) | " | | | |
| | 42 00 00 | LB 99 00 20 | Phones Jack (Black) | ヘッドホーンジャック | | | |
| | 32 00 00 | SX 70 81 80 | " (Silver) | " | | | |
| | 32 00 00 | SX 70 75 90 | Heat Sink | 電源放熱板 | | | |
| | 42 00 00 | EK 39 00 20 | ⊕ Bind Head Tap-Tight Screw M3×8 | ⊕バインドタツプタイト | | | |
| VR101 | 42 00 00 | SX 98 40 20 | Semi Fixed Variable Resistor 8φ20KB | 半固定ボリューム | | | |
| VR102 | 42 00 00 | SX 98 40 10 | " 5KB | " | | | |
| VR103 | 42 00 00 | SX 98 40 20 | " 20KB | " | | | |
| VR104 | 42 00 00 | SX 99 67 90 | " 100KB | " | | | |

* : New Part (新部品)

| Ref. No. | Part No. | | Description | (部 品 名) | Remarks | Common model | Markets |
|--------------|----------|-------------|--|----------|---------|--------------|---------|
| VR201 | 42:00:00 | SX:98:40:20 | Semi Fixed Variable Resistor 8 ϕ 20KB | 半固定ボリューム | | | |
| VR202 | 42:00:00 | SX:98:40:10 | " 5KB | " | | | |
| VR203 | 42:00:00 | SX:98:40:20 | " 20KB | " | | | |
| VR204 | 42:00:00 | SX:99:67:90 | " 100KB | " | | | |
| VR305 | 42:00:00 | SX:99:69:10 | " 10KB | " | | | |
| | 32:00:00 | SX:70:22:30 | 4P Pin Jack | 4Pピンジャック | | | |
| R101 | 42:00:00 | HJ:35:41:00 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 10 Ω | カーボン抵抗 | | | |
| R102 | 42:00:00 | HJ:35:62:20 | " 2.2K Ω | " | | | |
| R103 | 42:00:00 | HJ:35:81:00 | " 100K Ω | " | | | |
| R104 | 42:00:00 | HJ:35:51:50 | " 150 Ω | " | | | |
| R105 | 42:00:00 | HJ:35:62:20 | " 2.2K Ω | " | | | |
| R106 | 42:00:00 | HJ:35:78:20 | " 82K Ω | " | | | |
| R107 | 42:00:00 | HJ:35:68:20 | " 8.2K Ω | " | | | |
| R108 | 42:00:00 | HJ:35:54:70 | " 470 Ω | " | | | |
| R109 | 42:00:00 | HJ:35:72:20 | " 22K Ω | " | | | |
| R110 | 42:00:00 | HJ:35:71:50 | " 15K Ω | " | | | |
| R111 | 42:00:00 | HJ:35:83:90 | " 390K Ω | " | | | |
| R112 | 42:00:00 | HJ:35:73:90 | " 39K Ω | " | | | |
| R113 | 42:00:00 | HJ:35:91:00 | " 1M Ω | " | | | |
| R114 | 42:00:00 | HJ:35:63:30 | " 3.3K Ω | " | | | |
| R115 | 42:00:00 | HJ:35:91:00 | " 1M Ω | " | | | |
| R116 | 42:00:00 | HJ:35:74:70 | " 47K Ω | " | | | |
| R117 | 42:00:00 | HJ:35:51:80 | " 180 Ω | " | | | |
| R118 | 42:00:00 | HJ:35:65:60 | " 5.6K Ω | " | | | |
| R119 | 42:00:00 | HJ:35:82:70 | " 270K Ω | " | | | |
| R120 R121 | 42:00:00 | HJ:35:61:00 | " 1K Ω | " | | | |
| R122 R123 | 42:00:00 | HJ:35:62:20 | " 2.2K Ω | " | | | |
| R124 | 42:00:00 | HJ:35:63:30 | " 3.3K Ω | " | | | |
| R125 | 42:00:00 | HG:10:52:70 | Carbon Resistor SR $\frac{1}{2}$ w 270 Ω | " | | | |
| R126 | 42:00:00 | HJ:35:53:30 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 330 Ω | " | | | |
| R127 R128 | 42:00:00 | HJ:35:64:70 | " 4.7K Ω | " | | | |
| R130 | 42:00:00 | HJ:35:62:20 | " 2.2K Ω | " | | | |
| R131 | 42:00:00 | HJ:35:64:70 | " 4.7K Ω | " | | | |
| R132 | 42:00:00 | HJ:35:68:20 | " 8.2K Ω | " | | | |
| R133 | 42:00:00 | HJ:35:71:50 | " 15K Ω | " | | | |
| R134 | 42:00:00 | HJ:35:82:20 | " 220K Ω | " | | | |
| R135 | 42:00:00 | HJ:35:73:30 | " 33K Ω | " | | | |
| R136 | 42:00:00 | HJ:35:71:20 | " 12K Ω | " | | | |
| R137 | 42:00:00 | HJ:35:62:20 | " 2.2K Ω | " | | | |
| R138 | 42:00:00 | HJ:35:51:50 | " 150 Ω | " | | | |
| R139 | 42:00:00 | HJ:35:51:20 | " 120 Ω | " | | | |
| R140 | 42:00:00 | HJ:35:81:80 | " 180K Ω | " | | | |
| R201 | 42:00:00 | HJ:35:41:00 | " 10 Ω | " | | | |
| R202 | 42:00:00 | HJ:35:62:20 | " 2.2K Ω | " | | | |
| R203 | 42:00:00 | HJ:35:81:00 | " 100K Ω | " | | | |
| R204 | 42:00:00 | HJ:35:51:50 | " 150 Ω | " | | | |
| R205 | 42:00:00 | HJ:35:62:20 | " 2.2K Ω | " | | | |
| R206 | 42:00:00 | HJ:35:78:20 | Carbon Resistor SR $\frac{1}{4}$ w 82K Ω | " | | | |
| R207 | 42:00:00 | HJ:35:68:20 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 8.2K Ω | " | | | |
| R208 | 42:00:00 | HJ:35:54:70 | " 470 Ω | " | | | |
| R209 | 42:00:00 | HJ:35:72:20 | " 22K Ω | " | | | |

* : New Part (新部品)

TC-320a

| Ref. No. | Part No. | | | Description | (部 品 名) | Remarks | Common model | Markets |
|--------------|----------|-------------|---|----------------|---------|---------|--------------|---------|
| R210 | 42:00:00 | HJ 35:71:50 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 15K Ω | カーボン抵抗 | | | | |
| R211 | 42:00:00 | HJ 35:83:90 | " 390K Ω | " | | | | |
| R212 | 42:00:00 | HJ 35:73:90 | " 39K Ω | " | | | | |
| R213 | 42:00:00 | HJ 35:91:00 | " 1M Ω | " | | | | |
| R214 | 42:00:00 | HJ 35:63:30 | " 3.3K Ω | " | | | | |
| R215 | 42:00:00 | HJ 35:91:00 | " 1M Ω | " | | | | |
| R216 | 42:00:00 | HJ 35:74:70 | " 47K Ω | " | | | | |
| R217 | 42:00:00 | HJ 35:51:80 | " 180 Ω | " | | | | |
| R218 | 42:00:00 | HJ 35:65:60 | " 5.6K Ω | " | | | | |
| R219 | 42:00:00 | HJ 35:82:70 | " 270K Ω | " | | | | |
| R220 R221 | 42:00:00 | HJ 35:61:00 | " 1K Ω | " | | | | |
| R222 R223 | 42:00:00 | HJ 35:62:20 | " 2.2K Ω | " | | | | |
| R224 | 42:00:00 | HJ 35:63:30 | " 3.3K Ω | " | | | | |
| R225 | 42:00:00 | HJ 35:52:70 | Carbon Resistor SR J $\frac{1}{2}$ w 270 Ω | " | | | | |
| R226 | 42:00:00 | HJ 35:53:30 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 330 Ω | " | | | | |
| R227 R228 | 42:00:00 | HJ 35:64:70 | " 4.7K Ω | " | | | | |
| R230 | 42:00:00 | HJ 35:62:20 | " 2.2K Ω | " | | | | |
| R231 | 42:00:00 | HJ 35:64:70 | " 4.7K Ω | " | | | | |
| R232 | 42:00:00 | HJ 35:68:20 | " 8.2K Ω | " | | | | |
| R233 | 42:00:00 | HJ 35:71:50 | " 15K Ω | " | | | | |
| R234 | 42:00:00 | HJ 35:82:20 | " 220K Ω | " | | | | |
| R235 | 42:00:00 | HJ 35:73:30 | " 33K Ω | " | | | | |
| R236 | 42:00:00 | HJ 35:71:20 | " 12K Ω | " | | | | |
| R237 | 42:00:00 | HJ 35:62:20 | " 2.2K Ω | " | | | | |
| R238 | 42:00:00 | HJ 35:51:50 | " 150 Ω | " | | | | |
| R239 | 42:00:00 | HJ 35:51:20 | " 120 Ω | " | | | | |
| R240 | 42:00:00 | HJ 35:81:80 | " 180K Ω | " | | | | |
| R260 | 42:00:00 | HJ 35:65:60 | " 5.6K Ω | " | | | | |
| R301 | 42:00:00 | HJ 35:73:90 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 39K Ω | " | | | | |
| R302 | 42:00:00 | HJ 35:42:20 | Carbon Resistor SRJ $\frac{1}{4}$ w 22 Ω | " | | | | |
| R303 | 42:00:00 | HJ 35:71:00 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 10K Ω | " | | | | |
| R304 | 42:00:00 | HJ 35:62:20 | " 2.2K Ω | " | | | | |
| R305 | 42:00:00 | HL 43:58:20 | Metal Oxide Film Resistor J3W 820 Ω | " | | | | |
| R306 | 42:00:00 | HL 42:53:30 | " 330 Ω | " | | | | |
| R307 | 42:00:00 | HJ 35:61:00 | Carbon Resistor ERD14PJV RD $\frac{1}{4}$ ST 1K Ω | " | | | | |
| R308 | 42:00:00 | HJ 35:71:00 | " 10K Ω | " | | | | |
| R309 | 42:00:00 | HJ 35:61:80 | " 1.8K Ω | " | | | | |
| R310 | 42:00:00 | HK 15:52:70 | " 270 Ω | " | | | | |
| R311 | 42:00:00 | HJ 35:51:00 | " 100 Ω | " | | | | |
| R312 | 42:00:00 | HJ 35:71:50 | " 15K Ω | " | | | | |
| R313 | 42:00:00 | HJ 35:82:20 | " 220K Ω | " | | | | |
| R314 R315 | 42:00:00 | HJ 35:71:20 | " 12K Ω | " | | | | |
| R316 | 42:00:00 | HV 99:00:10 | Carbon Resistor J $\frac{1}{2}$ w 100 Ω | 不燃性カーボン抵抗 | | | | |
| C101 | 42:00:00 | FG 21:23:30 | Ceramic Capacitor (SL) 330pF 50V | セラミックコンデンサ(SL) | | | | |
| C102 | 42:00:00 | FZ 00:04:70 | Electrolytic Capacitor (MS) 10 μ F 16V | ケミコン(MS) | | | | |
| C103 | 42:00:00 | FJ 15:74:70 | " 47 μ F 25V | " | | | | |
| C104 | 42:00:00 | FG 21:23:30 | Ceramic Capacitor (SL) 330pF 50V | セラミックコンデンサ(SL) | | | | |
| C105 | 42:00:00 | FG 21:12:20 | " 22pF 50V | " | | | | |
| C106 | 42:00:00 | FJ 11:82:20 | Electrolytic Capacitor 220 μ F 6.3V | ケミコン | | | | |
| C107 | 42:00:00 | FJ 16:54:70 | " 0.47 μ F 50V | " | | | | |
| C108 | 42:00:00 | FA 41:38:20 | Mylar Capacitor 0.0082 μ F J50V | マイラーコンデンサ | | | | |
| C109 | 42:00:00 | FJ 33:71:00 | Electrolytic Capacitor 10 μ F 16V | ケミコン | | | | |

* : New Part (新部品)

| Ref. No. | Part No. | Description | (部 品 名) | Remarks | Common model | Markets |
|--------------|----------------------|--|------------|---------|--------------|---------|
| C100 | 42:00:00 FZ 99:00:10 | Electrolytic Capacitor (LR) 0.33 μ F 50V | ケミコン(LR) | | | |
| C111 | 42:00:00 FG 71:32:70 | Ceramic Capacitor (B) 2700pF 50V | セラミックコンデンサ | | | |
| C112 C113 | 42:00:00 FZ 00:04:70 | Electrolytic Capacitor (MS) 10pF 16V | ケミコン(MS) | | | |
| C114 | 42:00:00 FA 15:42:70 | Mylar Capacitor 0.027 μ F J50V | マイラーコンデンサ | | | |
| C115 | 42:00:00 FA 41:35:60 | " 0.0056 μ F | " | | | |
| C116 | 42:00:00 FA 41:34:70 | " 0.0047 μ F | " | | | |
| C117 | 42:00:00 FJ 33:71:00 | Electrolytic Capacitor 10 μ F 16V | ケミコン | | | |
| C118 | 42:00:00 FA 41:44:70 | Mylar Capacitor 0.047 μ F | マイラーコンデンサ | | | |
| C119 | 42:00:00 FJ 33:71:00 | Electrolytic Capacitor 10 μ F 16V | ケミコン | | | |
| C120 | 42:00:00 FA 41:51:00 | Mylar Capacitor 0.1 μ F J50V | マイラーコンデンサ | | | |
| C121 | 42:00:00 FM:42:53:30 | Electrolytic Capacitor (Z)0.33 μ F 50V | ケミコン(Z) | | | |
| C122 | 42:00:00 FJ 13:82:20 | Electrolytic Capacitor 220 μ F 10V | ケミコン | | | |
| C123 | 42:00:00 FJ 46:54:70 | " 0.47 μ F 50V | " | | | |
| C124 C125 | 42:00:00 FJ 33:71:00 | " 10 μ F 16V | " | | | |
| C126 | 42:00:00 FG 24:41:00 | Ceramic Capacitor 10000pF(B) 50V | セラミックコンデンサ | | | |
| C127 | 42:00:00 FG 21:34:70 | " 4700pF (B) 50V | " | | | |
| C128 | 42:00:00 FJ 33:74:70 | Electrolytic Capacitor 47 μ F 16V | ケミコン | | | |
| C129 | 42:00:00 FJ 33:71:00 | " 10 μ F 16V | " | | | |
| C130 | 42:00:00 FJ 31:74:70 | " 47 μ F 6.3V | " | | | |
| C131 | 42:00:00 FM:42:51:00 | Electrolytic Capacitor (Z)0.1 μ F 50V | ケミコン(Z) | | | |
| C132 | 42:00:00 FJ 33:71:00 | Electrolytic Capacitor 10 μ F 16V | ケミコン | | | |
| C133 | 42:00:00 FG 21:12:20 | Ceramic Capacitor (SL) 22pF 50V | セラコン(SL) | | | |
| C134 | 42:00:00 FZ 00:04:70 | Electrolytic Capacitor (MS) 10 μ F 16V | ケミコン(MS) | | | |
| C135 | 42:00:00 FA 41:41:20 | Mylar Capacitor 0.012 μ F J50V | マイラーコンデンサ | | | |
| C136 | 42:00:00 FA 41:41:50 | " 0.015 μ F J50V | " | | | |
| C137 | 42:00:00 FG 21:23:90 | Ceramic Capacitor (SL) 390pF 50V | セラミックコンデンサ | | | |
| C138 | 42:00:00 SX 70:23:10 | Mica Capacitor 270pF J50V | マイカコンデンサ | | | |
| C139 | 42:00:00 SX 70:23:20 | " 68pF J50V | " | | | |
| | | | | | | |
| C201 | 42:00:00 FG 21:23:30 | Ceramic Capacitor (SL) 330pF 50V | セラミックコンデンサ | | | |
| C202 | 42:00:00 FZ 00:04:70 | Electrolytic Capacitor (MS) 10 μ F 16V | ケミコン | | | |
| C203 | 42:00:00 FJ 15:74:70 | Electrolytic Capacitor 47 μ F 25V | " | | | |
| C204 | 42:00:00 FG 21:23:30 | Ceramic Capacitor (SL) 330pF 50V | セラミックコンデンサ | | | |
| C205 | 42:00:00 FG 71:12:20 | " 22pF 50V | " | | | |
| C206 | 42:00:00 FJ 31:82:20 | Electrolytic Capacitor 220 μ F 6.3V | ケミコン | | | |
| C207 | 42:00:00 FJ 26:54:70 | " 0.47 μ F 50V | " | | | |
| C208 | 42:00:00 FA 41:38:20 | Mylar Capacitor 0.0082 μ F J50V | マイラーコンデンサ | | | |
| C209 | 42:00:00 FJ 23:71:00 | Electroly Capacitor 10 μ F 16V | ケミコン | | | |
| C210 | 42:00:00 FZ 99:00:10 | " (MS) 0.33 μ F 50V | " | | | |
| C211 | 42:00:00 FG 71:32:70 | Ceramic Capacitor (B) 2700pF 50V | セラミックコンデンサ | | | |
| C212 C213 | 42:00:00 FZ 00:04:70 | Electrolytic Capacitor (MS) 10 μ F 16V | ケミコン | | | |
| C214 | 42:00:00 FA 15:42:70 | Mylar Capacitor 0.027 μ F J50V | マイラーコンデンサ | | | |
| C215 | 42:00:00 FA 41:35:60 | " 0.0050 μ F J50V | " | | | |
| C216 | 42:00:00 FA 41:34:70 | " 0.0047 μ F J50V | " | | | |
| C217 | 42:00:00 FJ 33:71:00 | Electrolytic Capacitor 10 μ F 16V | ケミコン | | | |
| C218 | 42:00:00 FA 41:44:70 | Mylar Capacitor 0.047 μ F J50V | マイラーコンデンサ | | | |
| C220 | 42:00:00 FA 15:51:00 | " 0.1 μ F J50V | " | | | |
| C221 | 42:00:00 FM:42:53:30 | Electrolytic Capacitor (Z)0.33 μ F 50V | ケミコン | | | |
| C222 | 42:00:00 FJ 23:82:20 | Electrolytic Capacitor 220 μ F 10V | " | | | |
| C223 | 42:00:00 FJ 26:54:70 | " 0.47 μ F 50V | " | | | |
| C224 C225 | 42:00:00 FJ 23:71:00 | " 10 μ F 16V | " | | | |
| C226 | 42:00:00 FG 24:41:00 | Ceramic Capacitor 10000pF 50V | セラミックコンデンサ | | | |
| C227 | 42:00:00 FG 21:34:70 | " (B) 4700pF 50V | " | | | |

* : New Part (新部品)

