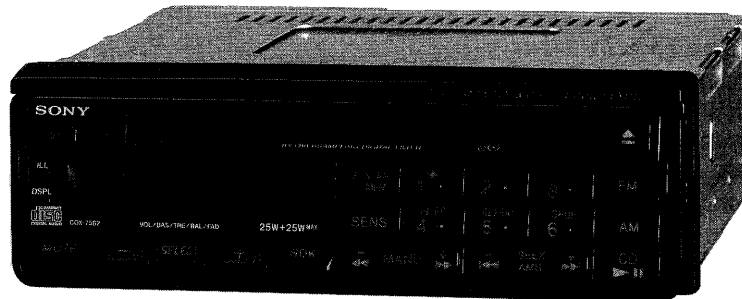


CDX-7582

SERVICE MANUAL

Germany Model



SPECIFICATIONS

Model Name Using Similar Mechanism	CDX-7581
CD Drive Mechanism Type	MG-200Z-33

Power amplifier section

Outputs Speaker outputs (sure seal connectors)
Speaker impedance 4–8 ohms
Maximum power output
25 W × 2 (at 4 ohms)*
9 W × 4 (at 4 ohms)*
* Measured at 14.4 V

CD player section

System Compact disc digital audio system
Frequency response 10–20,000 Hz ± 3 dB
Signal-to-noise ratio 90 dB
Wow and flutter Below measurable limit

General

Power requirements 12 V DC car battery (negative ground)
Current drain 800 mA (during CD playback)
2 A (during disc loading or eject)
Operating temperature –10°C to 50°C
Dimensions Approx. 182 × 53 × 166 mm (w/h/d)
Weight Approx. 2.3 kg
Tone controls Bass ±10 dB (100 Hz)
Treble ±10 dB (10 kHz)
Supplied accessories Mounting hardware (1 set)
Optional accessories Mounting kit
Cleaning cloth XP-CD1

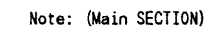
Tuner section

	FM	AM
Tuning range	87.5–108.0 MHz	531–1,602 kHz
Antenna terminal	FM/AM external antenna connector	
Intermediate frequency	10.7 MHz	450 kHz
Usable sensitivity	12 dBf (1.1 µV/75 ohms)	35 µV
Selectivity	75 dB at ±400 kHz	—
Signal-to-noise ratio	70 dB (monaural) 65 dB (stereo)	55 dB
Harmonic distortion at 1 kHz	0.3% (monaural) 0.5% (stereo)	0.3%
Stereo separation	35 dB	—
Frequency response	30 Hz–15,000 Hz ±3 dB	

Design and specifications subject to change without notice.

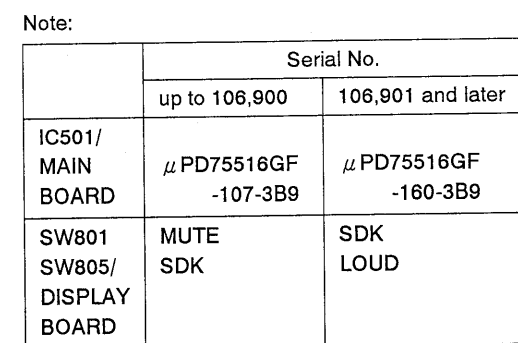
FM/AM COMPACT DISC PLAYER
SONY®



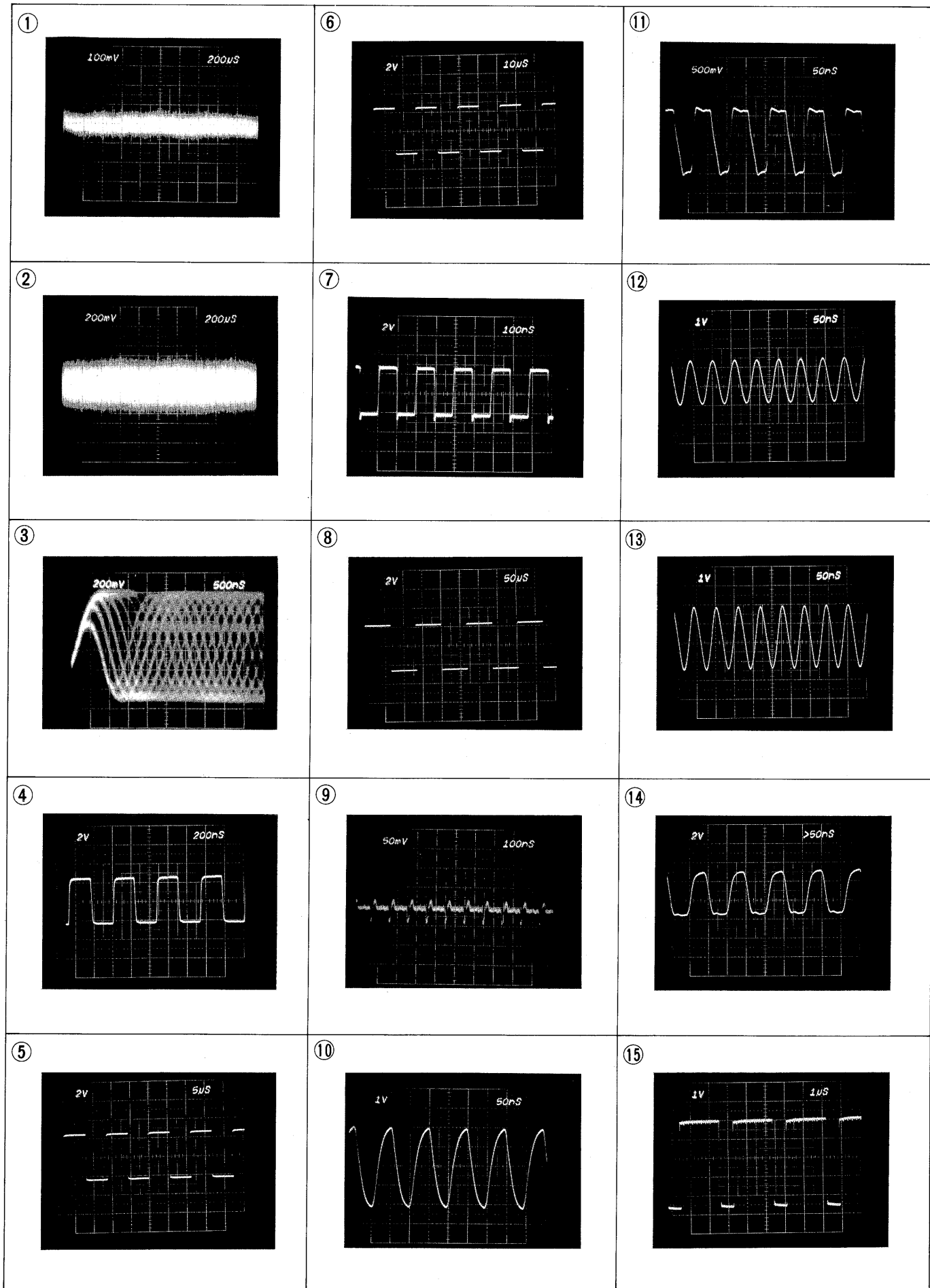


Note: (MD SECTION)

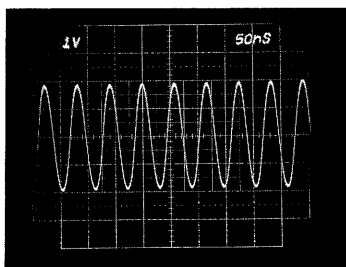
5-5. CIRCUIT BOARDS LOCATION



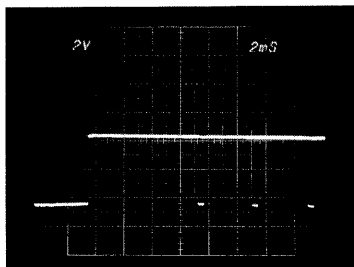
5-10. WAVEFORMS



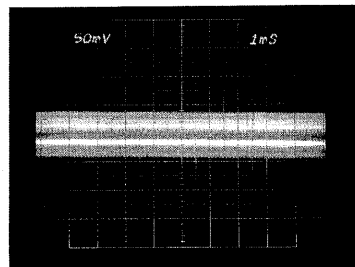
16



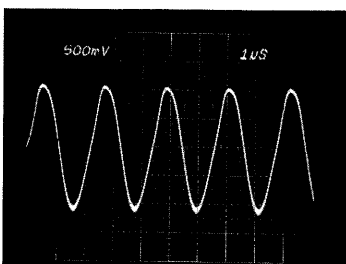
19



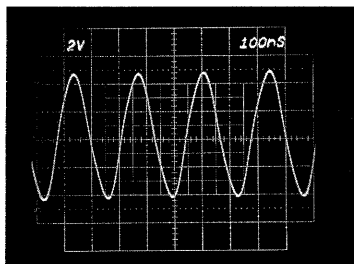
22



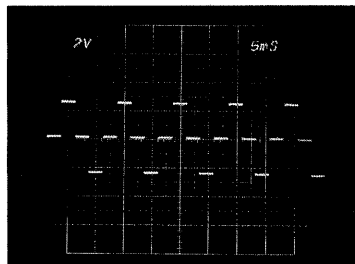
17



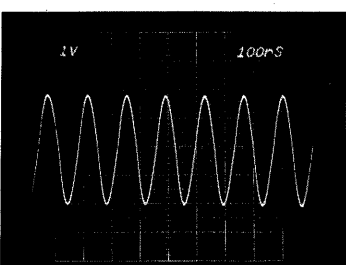
20



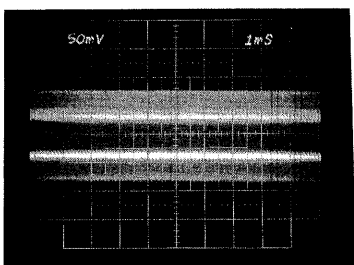
23



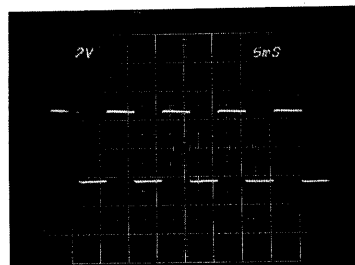
18



21



24



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:

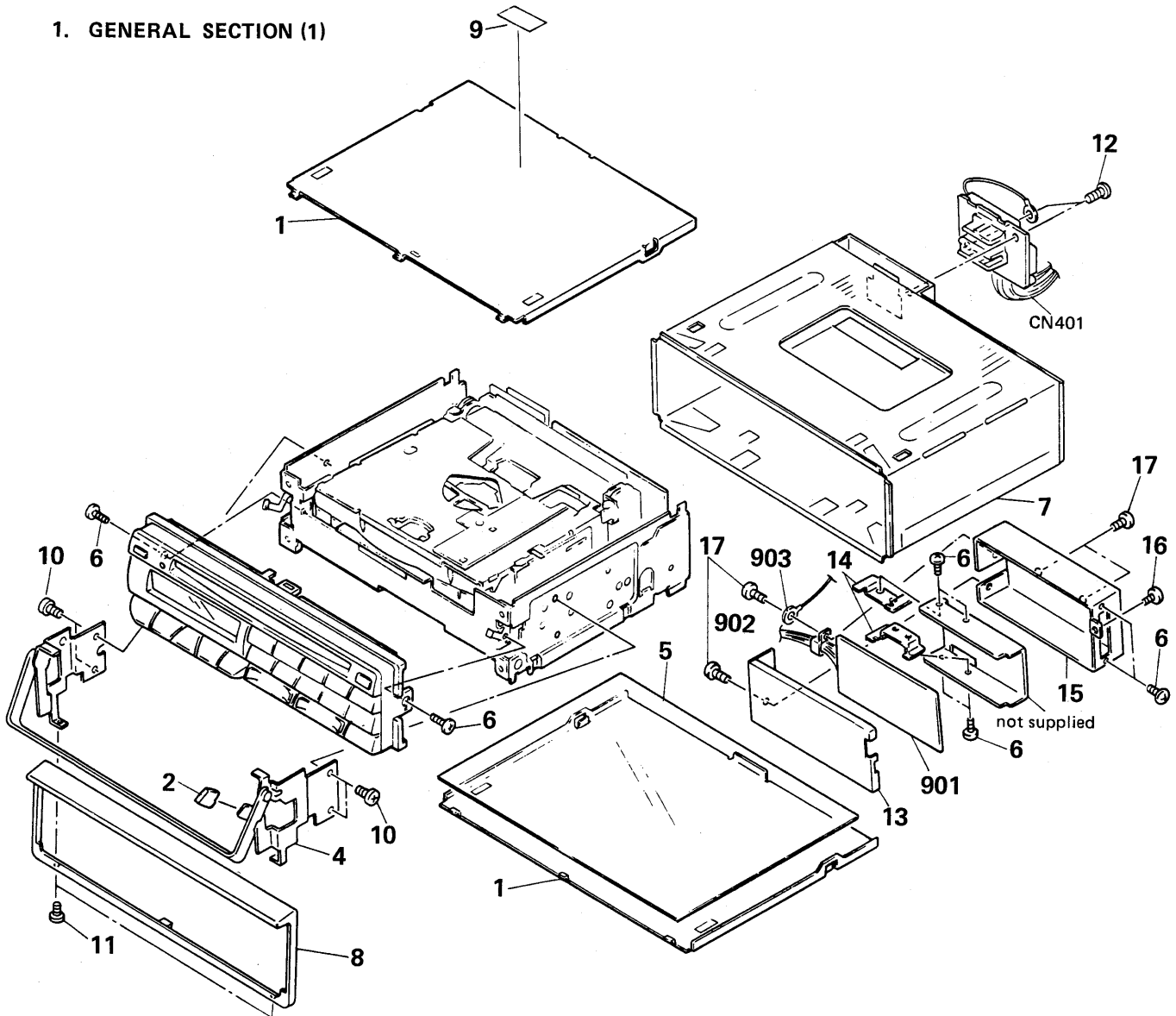
(RED) ... KNOB, BALANCE (WHITE)

↑
Cabinet's Color

↑
Parts Color

The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

1. GENERAL SECTION (1)



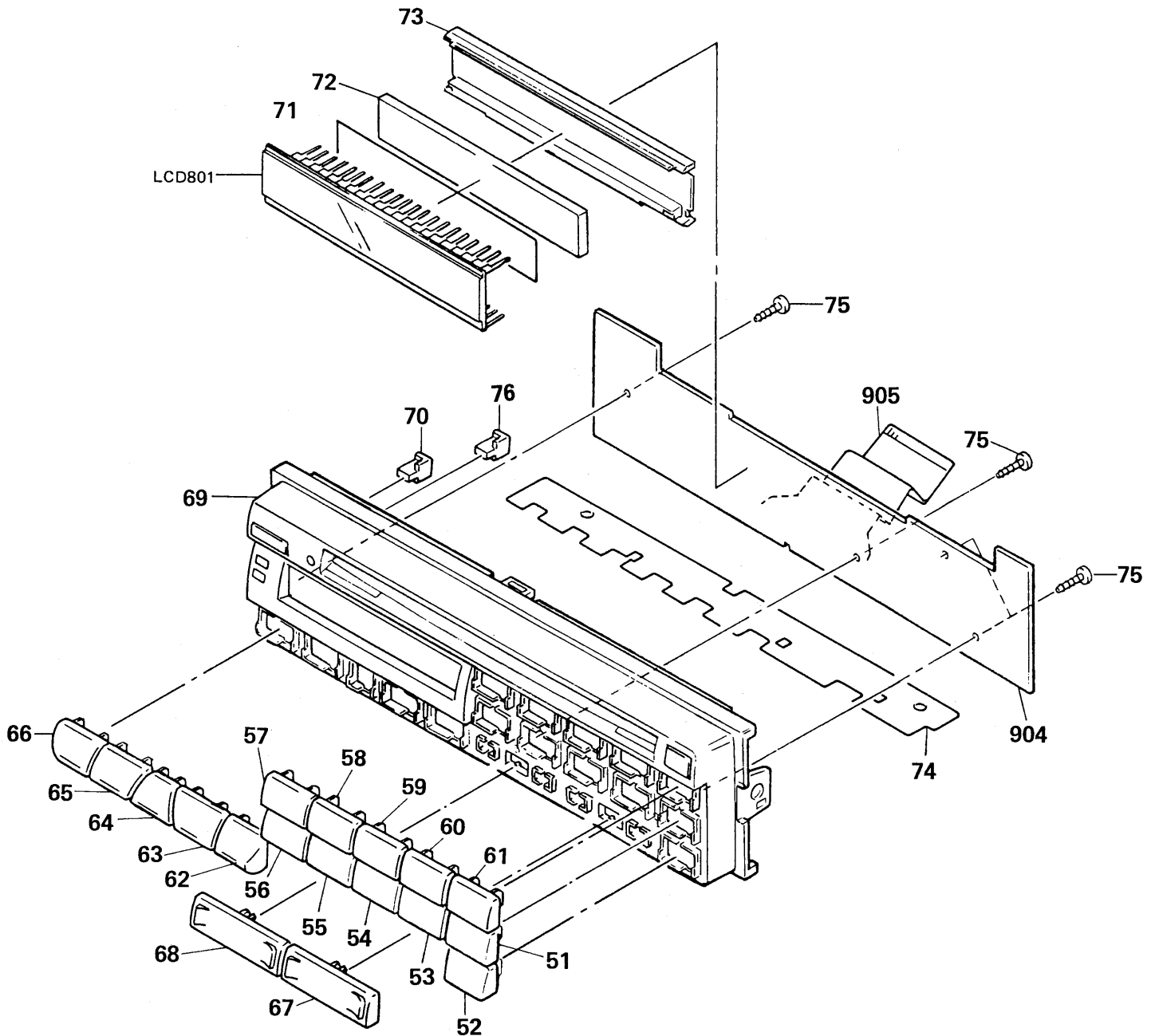
No.	Part No.	Description
1	*3-355-249-01	COVER
2	3-344-526-02	BUTTON (RELEASE)
4	X-3344-508-1	HANDLE ASSY
5	*3-355-254-01	SHEET, INSULATING
6	7-621-770-67	SCREW +PTT 2.6X6 (S)
7	*X-3339-431-1	BRACKET ASSY
8	3-344-564-01	FRAME, ORNAMENTAL
9	*3-355-277-01	LABEL, MODEL NUMBER

No.	Part No.	Description
10	3-344-561-01	SCREW (M4X5)
11	7-627-553-38	SCREW, PRECISION +P 2X3
12	7-682-148-01	SCREW +P 3X8
13	*3-355-243-01	CASE (UPPER)
14	*3-355-253-01	BRACKET
15	*3-355-244-01	CASE (LOWER)
16	7-682-546-04	SCREW +PTT 3X5 (S)
17	7-685-133-19	SCREW +P 2.6X6 TYPE2 SLIT
901	*A-3261-130-A	MOUNTED PCB, POWER AMP
902	1-575-638-11	CORD (WITH CONNECTOR)
903	1-575-616-11	CORD (WITH TERMINAL)
CN401	1-575-614-11	CORD (WITH CONNECTOR)

Remarks

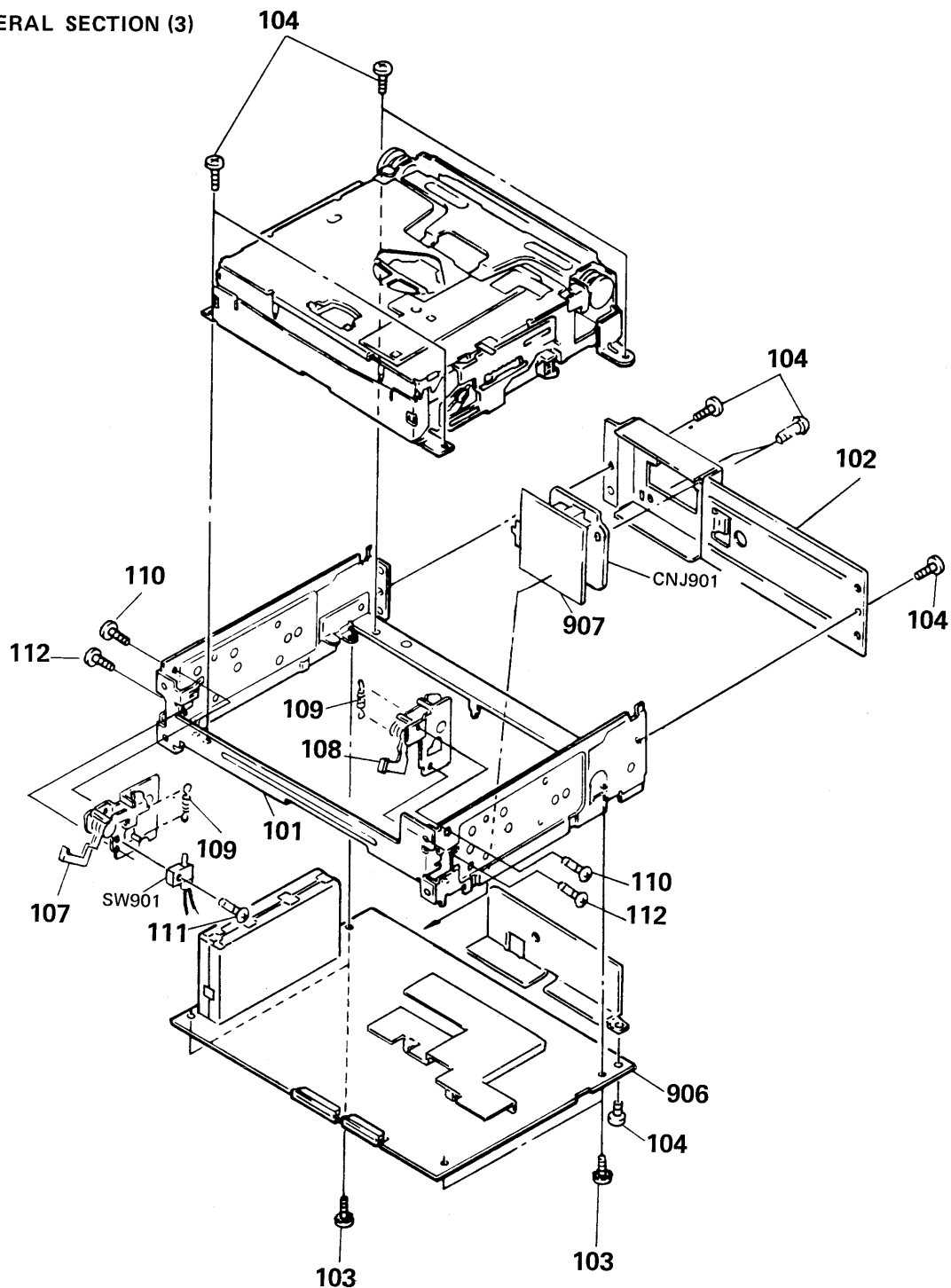
Note: #1: Serial No. up to 106,900
#2: Serial No. 106,901 and later

2. GENERAL SECTION (2)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
51	3-355-261-01	BUTTON (N1,S)(AM)		65	3-355-256-01	BUTTON (LEVEL -)	
52	3-355-262-01	BUTTON (N1,RD)(CD/▶▶)		66	3-355-255-01	BUTTON (MUTE) #1	
53	3-355-260-51	BUTTON (PRESET) (6/SHUF)			3-355-255-11	BUTTON (SDK) #2	
54	3-355-260-41	BUTTON (PRESET) (5/REPEAT)		67	3-355-263-11	BUTTON (M,S2)(SEEK/AMS)	
55	3-355-260-31	BUTTON (PRESET) (4/INTRO)		68	3-355-263-01	BUTTON (M,S2)(MANU)	
56	3-355-261-21	BUTTON (N1,S)(SENS)		69	X-3339-439-1	PANEL ASSY, FRONT	
57	3-355-261-31	BUTTON (N1,S)(M.SCAN/A.MEM)		70	3-355-266-01	BUTTON (ILL)	
58	3-355-260-01	BUTTON (PRESET) (1)		71	3-345-373-01	SHEET (DIFFUSION)	
59	3-355-260-11	BUTTON (PRESET) (2)		72	*3-345-319-01	PLATE, LIGHT GUIDE	
60	3-355-260-21	BUTTON (PRESET) (3)		73	*3-345-335-01	HOLDER (LCD)	
61	3-355-261-11	BUTTON (N1,S)(FM)		74	*3-355-272-01	PLATE (BUTTON), SHIELD	
62	3-355-259-11	BUTTON (SDK) #1		75	7-685-103-19	SCREW +PTP 2X5 TYPE2 NON-SLIT	
63	3-355-259-01	BUTTON (LOUD) #2		76	3-355-289-01	BUTTON (DSPL)	
64	3-355-258-01	BUTTON (LEVEL +)		904	*A-3219-253-A	PC BOARD ASSY, DISPLAY	
	3-355-257-01	BUTTON (SELECT)		905	1-634-335-11	PC BOARD, (D) FLEXIBLE	
				LCD801	1-808-983-11	DISPLAY PANEL, LIQUID CRYSTAL	

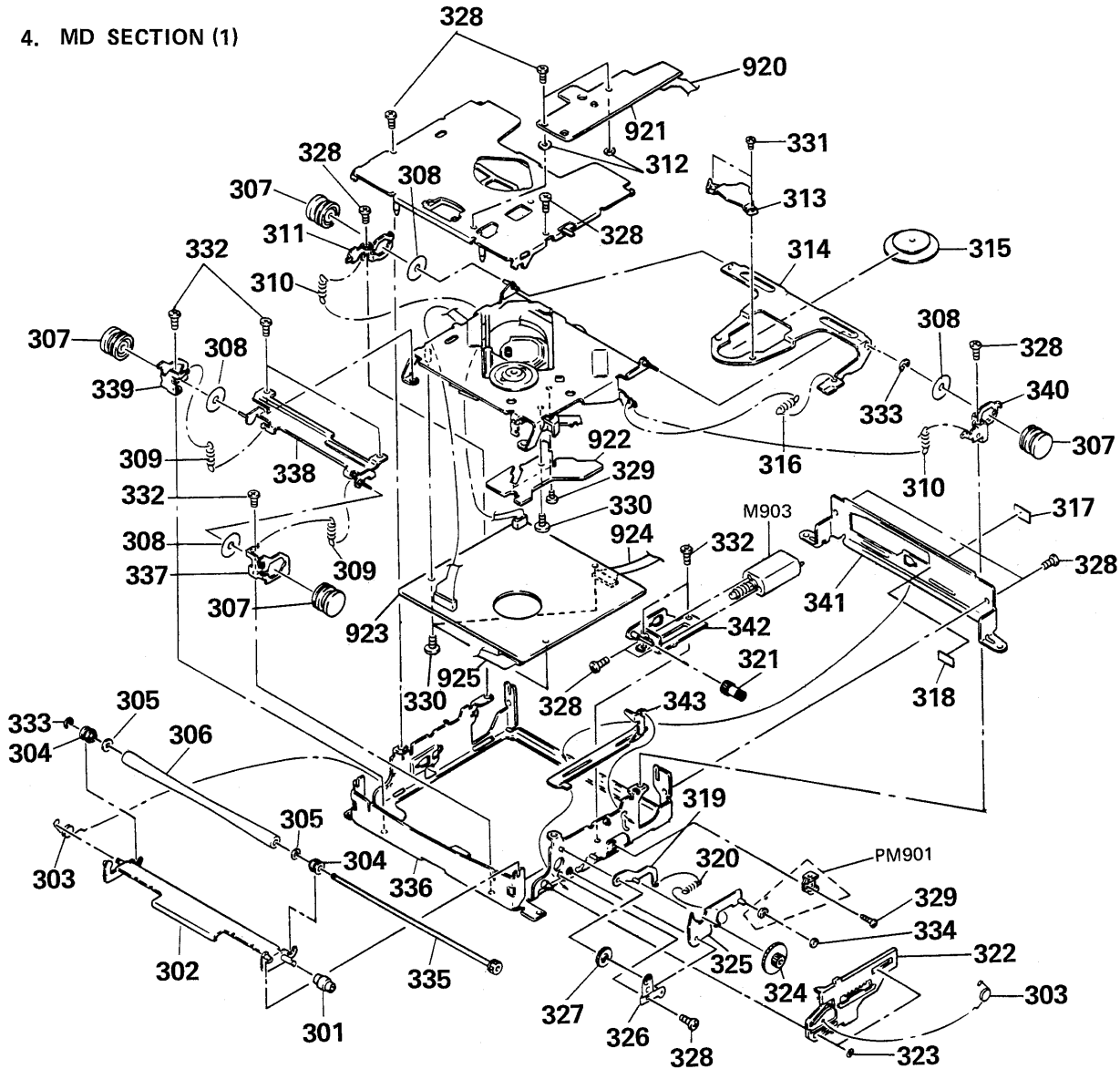
3. GENERAL SECTION (3)



No.	Part No.	Description	Remarks
101	*X-3339-432-1	CHASSIS ASSY	
102	*3-355-250-01	PANEL (S), BACK	
103	3-344-501-11	SCREW (+ PTT 3X8), GROUND POINT	
104	7-685-863-01	SCREW +PTT 2.6X8 (S)	
107	X-3344-502-1	LOCK ASSY (LEFT)	
108	X-3344-503-1	LOCK ASSY (R)	
109	3-645-189-00	SPRING, TENSION	
110	7-627-553-38	SCREW, PRECISION +P 2X3	

No.	Part No.	Description	Remarks
111	7-621-283-00	SCREW + 2X5	
112	7-621-770-67	SCREW +PTT 2.6X6	
906	*A-3222-098-A	PC BOARD ASSY, MAIN	
907	*1-634-327-11	PC BOARD, CONNECTOR	
SW901	1-570-771-11	SWITCH	

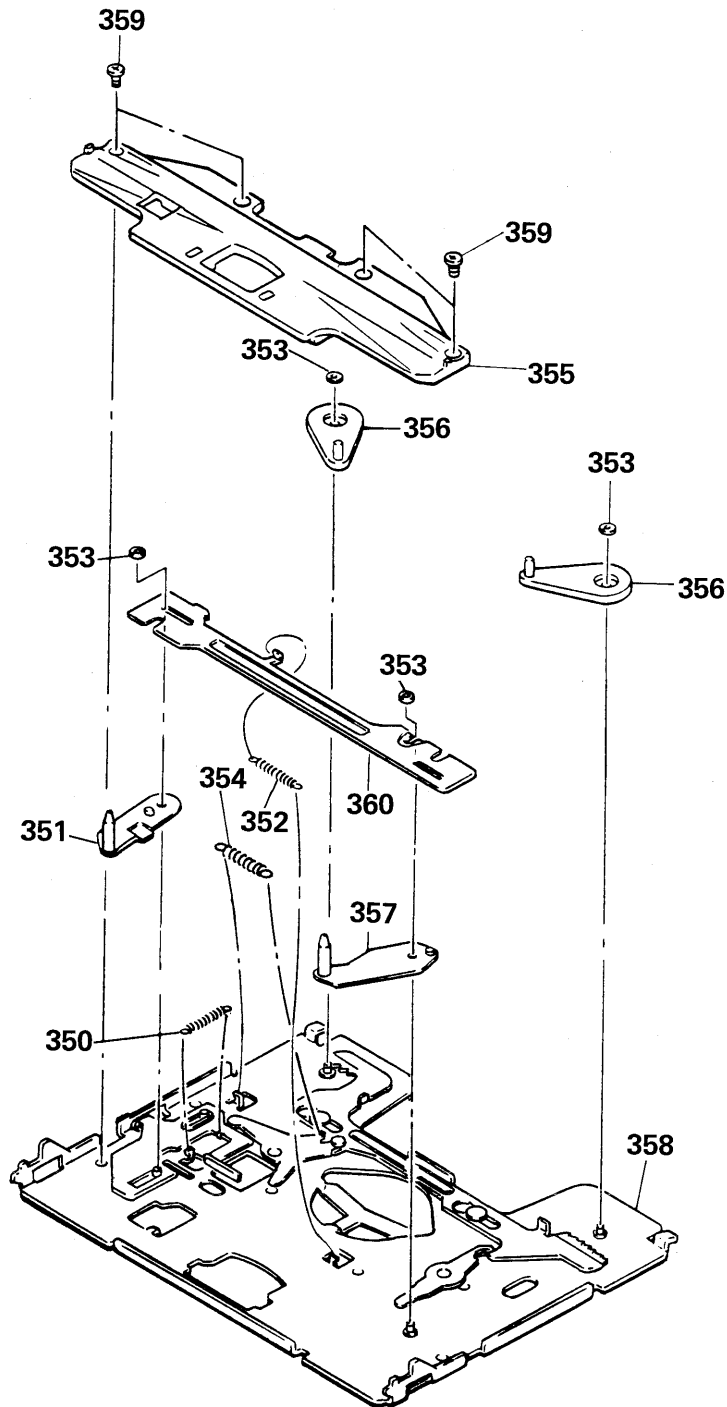
4. MD SECTION (1)



No.	Part No.	Description	Remarks
301	3-351-495-01	SLEEVE (2)	
302	*X-3351-422-1	BRACKET (ROLLER) ASSY	
303	3-351-437-01	SPRING (ROLLER)	
304	3-351-416-01	BEARING (ROLLER SHAFT)	
305	3-701-438-21	WASHER	
306	3-323-231-11	ROLLER (LOWER)	
307	3-330-929-11	DAMPER (S), HYPER	
308	3-323-263-01	WASHER, TEFLON	
309	3-351-444-01	SPRING (FLOATING A, B), TENSION	
310	3-351-445-01	SPRING (FLOATING C, D), TENSION	
311	*3-351-411-01	BRACKET (DAMPER D)	
312	3-892-464-01	SPACER, PC BOARD	
313	3-342-625-01	RETAINER (S2), THRUST	
314	*3-351-453-01	ARM, CHUCKING	
315	3-348-558-01	PLATE (F), CHUCK	
316	3-351-443-01	SPRING (CHUCKING), TENSION	
317	*3-351-470-01	SHEET, ADHESIVE	
318	*3-351-464-01	SHEET (SM), INSULATING	
319	*X-3351-420-1	LEVER (GEAR C) ASSY	
320	3-351-463-01	SPRING (SW LEVER 2), TENSION	
321	3-351-498-01	GEAR (B, WORM WHEEL)	
322	3-351-456-01	LEVER (L, E)	
323	3-578-224-00	WASHER	
324	3-351-438-01	GEAR, CAM	
325	*X-3351-421-1	LEVER (SW) ASSY	

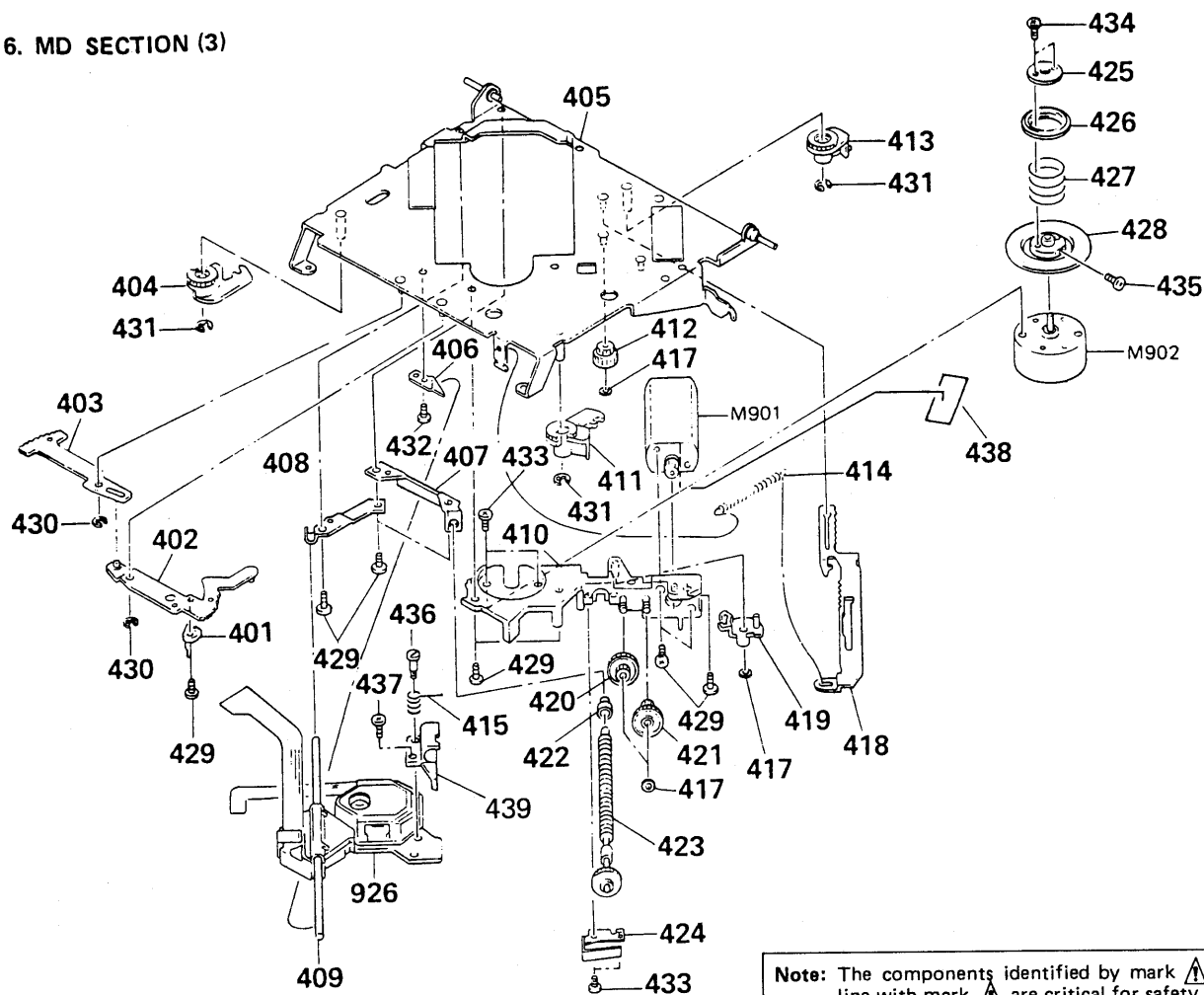
No.	Part No.	Description	Remarks
326	*3-351-482-01	RETAINER (SIDE GEAR 2)	
327	3-351-414-01	GEAR (C)	
328	7-627-553-37	SCREW, PRECISION +P 2X3	
329	7-627-850-57	SCREW, PRECISION +P 1.4X3.5	
330	7-621-772-08	SCREW +B 2X3	
331	7-627-552-18	SCREW, PRECISION +P 1.7X1.6	
332	7-627-553-28	SCREW, PRECISION +P 2X2.5	
333	7-624-104-04	STOP RING 2.0, TYPE -E	
334	3-315-384-11	WASHER, STOPPER	
335	X-3351-413-1	ROLLER, SHAFT ASSY	
336	*X-3351-417-2	CHASSIS (MAIN) ASSY	
337	*3-351-492-01	BRACKET (DUMPER A)	
338	*X-3351-423-1	BRACKET (F) ASSY	
339	*3-351-493-01	BRACKET (DUMPER B)	
340	*3-351-494-01	BRACKET (DUMPER C)	
341	*3-351-483-01	BRACKET (REAR A)	
342	*X-3351-419-1	BRACKET (M) ASSY	
343	*X-3351-418-1	LEVER (CH RELEASE) ASSY	
920	1-634-332-11	PC BOARD, (A) FLEXIBLE	
921	*1-634-331-11	PC BOARD, LED	
922	*1-634-330-11	PC BOARD, SENSOR	
923	*A-3279-978-A	MOUNTED PCB, RF	
924	1-634-333-11	PC BOARD, (B) FLEXIBLE	
925	1-634-334-11	PC BOARD, (C) FLEXIBLE	
M903	A-3249-535-A	GEAR (A) ASSY (LOADING)	
PM901	1-454-461-11	SOLENOID, PLUNGER	

5. MD SECTION (2)



No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
350	3-351-448-01	SPRING (LOCK LEVER), TENSION		355	3-351-496-01	GUIDE (DISK 2)	
351	*X-3351-426-1	LEVER (D DETECTION R2) ASSY		356	3-351-432-01	GEAR (DS)	
352	3-351-447-02	SPRING (JOINT F), TENSION		357	*X-3351-425-1	LEVER (D DETECTION L2) ASSY	
353	3-578-224-00	WASHER		358	*X-3351-424-1	CHASSIS (T2) ASSY	
354	3-351-446-01	SPRING (JOINT R), TENSION		359	7-627-553-37	SCREW, PRECISION +P 2X3	
				360	*3-351-489-02	JOINT (F2)	

6. MD SECTION (3)



Note: The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

No.	Part No.	Description	Remarks	No.	Part No.	Description	Remarks
401	*2-643-407-01	PLATE, SWITCH		421	2-643-409-01	GEAR (D)	
402	*X-2641-534-1	LEVER (A) ASSY, LOCK		422	2-643-408-02	RETAINER, THRUST	
403	*2-641-582-01	LEVER (B), LOCK		423	A-4910-184-B	SCREW ASSY, FEED	
404	2-643-414-02	GEAR (B), LOCK		424	2-643-404-01	SPRING	
405	*X-2641-536-2	CHASSIS ASSY, MAIN		425	2-640-650-01	STOPPER, RING	
406	2-643-402-01	RETAINER (B), SHAFT		426	2-643-418-01	RING, CENTER	
407	2-643-403-01	RETAINER, FEED SCREW		427	2-640-617-02	SPRING, COMPRESSION	
408	2-643-401-01	RETAINER (A), SHAFT		428	X-2641-541-1	TURNABLE ASSY	
409	2-640-632-01	SHAFT, GUIDE		429	7-627-554-18	SCREW, PRECISION +P 2X3.5 TYPE I	
410	*X-2641-535-2	CHASSIS ASSY, SUB		430	7-624-104-04	STOP RING 2.0, TYPE -E	
411	2-643-413-02	GEAR (A), LOCK		431	7-624-106-04	STOP RING 3.0, TYPE -E	
412	2-643-405-01	WHEEL, WORM		432	7-627-553-17	PRECISION SCREW +P 2X2 TYPE 3	
413	2-641-599-02	GEAR (C), GEAR		433	7-627-552-08	SCREW, PRECISION +P 1.7X2.5	
414	2-641-595-02	SPRING, TENSION		434	7-627-451-17	SCREW, PRECISION +K 1.4X2.5	
415	2-643-420-01	SPRING		435	7-627-451-57	SCREW, PRECISION +K 1.4X4	
416	2-643-412-02	NUT, FEED		436	2-643-423-01	SCREW, SP	
417	3-321-813-01	WASHER, COTTER POLYETHYLENE		437	7-627-852-17	+P 1.7X4	
418	*2-641-583-02	LEVER (C), LOCK		438	3-351-469-01	SHEET, MOTOR	
419	2-643-406-02	LEVER, SELECTION		439	2-625-272-02	NUT, FEED	
420	2-643-410-01	GEAR (E)		926	△ 8-848-124-11	DEVICE, OPTICAL KSS-168ARP	
				M901	A-4910-183-A	MOTOR ASSY, SL (SLED)	
				M902	1-541-448-41	MOTOR (SPINDLE)	

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

COILS

- MMH: mH, UH: μ H

SEMICONDUCTORSIn each case, U: μ , for example:UA....: μ A...., UPA....: μ PA....,UPC....: μ PC, UPD....: μ PD....

The components identified by mark or dotted line with mark are critical for safety. Replace only with part number specified.

(MAIN SECTION)

Ref.No.	Part No.	Description					Ref.No.	Part No.	Description				
901	*A-3261-130-A	MOUNTED PCB, POWER AMP					C217	1-126-157-11	ELECT	10MF	20%	16V	
902	1-575-638-11	CORD (WITH CONNECTOR)					C218	1-124-584-00	ELECT	100MF	20%	10V	
903	1-575-616-11	CORD (WITH TERMINAL)					C219	1-124-257-00	ELECT	2.2MF	20%	50V	
904	*A-3219-253-A	PC BOARD ASSY, DISPLAY					C220	1-124-464-11	ELECT	0.22MF	20%	50V	
905	1-634-335-11	PC BOARD, (D) FLEXIBLE					C251	1-162-207-31	CERAMIC	22PF	5%	50V	
906	*A-3222-098-A	PC BOARD ASSY, MAIN					C304	1-163-097-00	CERAMIC CHIP	15PF	5%	50V	
907	*1-634-327-11	PC BOARD, CONNECTOR											
BT601	1-528-225-31	BATTERY, LITHIUM					C305	1-163-097-00	CERAMIC CHIP	15PF	5%	50V	
C101	1-136-165-00	FILM	0.1MF	5%	50V		C306	1-124-589-11	ELECT	47MF	20%	16V	
C102	1-130-476-00	MYLAR	0.0027MF	5%	50V		C307	1-124-589-11	ELECT	47MF	20%	16V	
C103	1-110-360-91	MYLAR	0.0056MF	5%	50V		C308	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C104	1-124-499-11	ELECT	1MF	20%	50V		C309	1-163-119-00	CERAMIC CHIP	120PF	5%	50V	
C105	1-124-589-11	ELECT	47MF	20%	16V		C310	1-124-584-00	ELECT	100MF	20%	10V	
C106	1-130-477-00	MYLAR	0.0033MF	5%	50V		C311	1-124-584-00	ELECT	100MF	20%	10V	
C107	1-124-464-11	ELECT	0.22MF	20%	50V		C401	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C108	1-124-589-11	ELECT	47MF	20%	16V		C402	1-124-584-00	ELECT	100MF	20%	10V	
C109	1-130-476-00	MYLAR	0.0027MF	5%	50V		C403	1-126-157-11	ELECT	10MF	20%	16V	
C110	1-136-162-00	FILM	0.056MF	5%	50V		C404	1-124-464-11	ELECT	0.22MF	20%	50V	
C111	1-136-162-00	FILM	0.056MF	5%	50V		C405	1-124-589-11	ELECT	47MF	20%	16V	
C112	1-163-117-00	CERAMIC CHIP	100PF	5%	50V		C406	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C113	1-124-438-00	ELECT	1MF	20%	50V		C407	1-126-154-11	ELECT	47MF	20%	6.3V	
C114	1-124-438-00	ELECT	1MF	20%	50V		C408	1-126-154-11	ELECT	47MF	20%	6.3V	
C116	1-126-157-11	ELECT	10MF	20%	16V		C410	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C117	1-126-157-11	ELECT	10MF	20%	16V		C411	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C118	1-124-584-00	ELECT	100MF	20%	10V		C412	1-126-281-11	ELECT	4.7MF	20%	16V	
C119	1-124-257-00	ELECT	2.2MF	20%	50V		C413	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C120	1-124-464-11	ELECT	0.22MF	20%	50V		C414	1-126-281-11	ELECT	4.7MF	20%	16V	
C151	1-162-207-31	CERAMIC	22PF	5%	50V		C501	1-126-247-11	ELECT	560MF	20%	6.3V	
C201	1-136-165-00	FILM	0.1MF	5%	50V		C502	1-126-927-11	ELECT	2200MF	20%	10V	
C202	1-130-476-00	MYLAR	0.0027MF	5%	50V		C503	1-126-154-11	ELECT	47MF	20%	6.3V	
C203	1-110-360-91	MYLAR	0.0056MF	5%	50V		C504	1-136-153-00	FILM	0.01MF	5%	50V	
C204	1-124-499-11	ELECT	1MF	20%	50V		C505	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C205	1-124-589-11	ELECT	47MF	20%	16V		C506	1-126-154-11	ELECT	47MF	20%	6.3V	
C206	1-130-477-00	MYLAR	0.0033MF	5%	50V		C507	1-126-154-11	ELECT	47MF	20%	6.3V	
C207	1-124-464-11	ELECT	0.22MF	20%	50V		C508	1-126-154-11	ELECT	47MF	20%	6.3V	
C208	1-124-589-11	ELECT	47MF	20%	16V		C510	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C209	1-130-476-00	MYLAR	0.0027MF	5%	50V		C511	1-124-360-00	ELECT	1000MF	20%	16V	
C210	1-136-162-00	FILM	0.056MF	5%	50V		C512	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V	
C211	1-136-162-00	FILM	0.056MF	5%	50V		C513	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V	
C212	1-163-117-00	CERAMIC CHIP	100PF	5%	50V		C514	1-163-101-00	CERAMIC CHIP	22PF	5%	50V	
C213	1-124-438-00	ELECT	1MF	20%	50V		C601	1-124-257-00	ELECT	2.2MF	20%	50V	
C214	1-124-438-00	ELECT	1MF	20%	50V		C602	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
C215	1-124-589-11	ELECT	47MF	20%	16V		C603	1-124-257-00	ELECT	2.2MF	20%	50V	
C216	1-126-157-11	ELECT	10MF	20%	16V		C604	1-136-165-00	FILM	0.1MF	5%	50V	
							C605	1-164-232-11	CERAMIC CHIP	0.01MF	10%	50V	
							C607	1-126-566-11	ELECT	3.3MF	20%	25V	

Ref.No.	Part No.	Description			
C608	1-126-566-11	ELECT	3.3MF	20%	25V
C609	1-124-589-11	ELECT	47MF	20%	16V
C610	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C611	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C612	1-124-589-11	ELECT	47MF	20%	16V
C613	1-126-281-11	ELECT	4.7MF	20%	16V
C614	1-128-054-11	ELECT	22MF	20%	10V
C615	1-130-477-00	MYLAR	0.0033MF	5%	50V
C616	1-163-157-00	FILM	0.022MF	5%	50V
C617	1-136-153-00	FILM	0.01MF	5%	50V
C618	1-130-474-00	MYLAR	0.0018MF	5%	50V
C619	1-126-281-11	ELECT	4.7MF	20%	16V
C620	1-124-438-00	ELECT	1MF	20%	50V
C621	1-124-464-11	ELECT	0.22MF	20%	50V
C622	1-124-438-00	ELECT	1MF	20%	50V
C623	1-163-009-11	CERAMIC CHIP	0.001MF	10%	50V
C624	1-163-117-00	CERAMIC CHIP	100PF	5%	50V
C625	1-163-037-11	CERAMIC CHIP	0.022MF	10%	25V
C626	1-126-154-11	ELECT	47MF	20%	6.3V
C627	1-136-155-00	FILM	0.015MF	5%	50V
C628	1-136-155-00	FILM	0.015MF	5%	50V
C629	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C630	1-163-097-00	CERAMIC CHIP	15PF	5%	50V
C650	1-124-463-00	ELECT	0.1MF	20%	50V
C651	1-136-161-00	FILM	0.047MF	5%	50V
C652	1-136-161-00	FILM	0.047MF	5%	50V
C653	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C654	1-130-477-00	FILM	0.0033MF	5%	50V
C655	1-126-281-11	ELECT	4.7MF	20%	16V
C656	1-136-175-00	FILM	0.068MF	5%	50V
C657	1-136-175-00	FILM	0.068MF	5%	50V
C658	1-124-463-00	ELECT	0.1MF	20%	50V
C659	1-136-175-00	FILM	0.068MF	5%	50V
C660	1-136-175-00	FILM	0.068MF	5%	50V
C661	1-163-157-00	FILM	0.022MF	5%	50V
C662	1-131-402-00	TANTALUM	0.1MF	20%	35V
C701	1-124-438-00	ELECT	1MF	20%	50V
C702	1-124-438-00	ELECT	1MF	20%	50V
C703	1-126-925-11	ELECT	470MF	20%	10V
C704	1-126-933-71	ELECT	100MF	20%	16V
C705	1-124-360-00	ELECT	1000MF	20%	16V
C706	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C707	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C708	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C709	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C710	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C711	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C721	1-124-343-00	ELECT	2200MF	20%	16V
C722	1-124-234-00	ELECT	22MF	20%	16V
C723	1-163-104-00	CERAMIC CHIP	30PF	5%	50V
C724	1-163-017-00	CERAMIC CHIP	0.0047MF	10%	50V
C751	1-124-438-00	ELECT	1MF	20%	50V
C752	1-124-438-00	ELECT	1MF	20%	50V
C753	1-126-925-11	ELECT	470MF	20%	10V
C754	1-126-933-71	ELECT	100MF	20%	16V
C755	1-124-360-00	ELECT	1000MF	20%	16V
C756	1-163-104-00	CERAMIC CHIP	30PF	5%	50V

Ref.No.	Part No.	Description			
C757	1-164-182-11	CERAMIC CHIP	0.0033MF	10%	50V
C758	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C759	1-163-205-00	CERAMIC CHIP	0.001MF	10%	50V
C760	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C761	1-163-111-00	CERAMIC CHIP	56PF	5%	50V
C801	1-163-201-00	CERAMIC CHIP	680PF	5%	50V
C802	1-162-637-11	CERAMIC CHIP	0.47MF		16V
C901	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C902	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C903	1-163-063-00	CERAMIC CHIP	0.022MF	10%	50V
C908	1-163-181-00	CERAMIC CHIP	100PF	5%	50V
C913	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C914	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C915	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
C916	1-163-129-00	CERAMIC CHIP	330PF	5%	50V
CN401	1-575-614-11	CORD (WITH CONNECTOR)			
CNJ1	*1-569-582-11	SOCKET, CONNECTOR 17P			
CNJ2	*1-563-003-21	SOCKET, CONNECTOR 20P			
CNJ3	*1-569-630-11	SOCKET, CONNECTOR 9P			
CNJ4	1-566-531-11	CONNECTOR, FPC (ZIF) 15P			
CNJ5	1-566-531-11	CONNECTOR, FPC (ZIF) 15P			
CNJ901	1-568-224-11	PLUG, CONNECTOR 28P			
CNP1	*1-506-984-11	PIN, CONNECTOR (PC BOARD) 2P			
CNP701	*1-506-988-11	PIN, CONNECTOR (PC BOARD) 6P			
CNP702	*1-564-214-11	PIN, CONNECTOR 3P			
CNP703	*1-569-362-11	CONNECTOR			
CNP901	*1-569-581-11	PIN, CONNECTOR 17P			
D101	8-719-109-72	DIODE RD3.9ES-B2			
D102	8-719-109-72	DIODE RD3.9ES-B2			
D103	8-719-109-75	DIODE RD4.3ES-B2			
D201	8-719-109-72	DIODE RD3.9ES-B2			
D202	8-719-109-72	DIODE RD3.9ES-B2			
D203	8-719-109-75	DIODE RD4.3ES-B2			
D301	8-719-109-75	DIODE RD4.3ES-B2			
D402	8-719-120-75	DIODE RD6.2ES-L1			
D403	8-719-110-46	DIODE RD16ES-B3			
D404	8-719-120-75	DIODE RD6.2ES-L1			
D405	8-719-911-19	DIODE 1SS119			
D406	8-719-110-13	DIODE RD9.1ES-B2			
D407	8-719-110-09	DIODE RD8.2ES-B3			
D408	8-719-911-19	DIODE 1SS119			
D409	8-719-911-19	DIODE 1SS119			
D410	8-719-110-14	DIODE RD9.1ES-B3			
D411	8-719-110-13	DIODE RD9.1ES-B2			
D412	8-719-120-75	DIODE RD6.2ES-L1			
D413	8-719-104-34	DIODE 1S2836			
D414	8-719-109-89	DIODE RD5.6ES-B2			
D415	8-719-911-19	DIODE 1SS119			
D416	8-719-400-18	DIODE MA152WK			
D501	8-719-911-19	DIODE 1SS119			
D502	8-719-911-19	DIODE 1SS119			
D503	8-719-911-19	DIODE 1SS119			
D504	8-719-911-19	DIODE 1SS119			
D505	8-719-400-18	DIODE MA152WK			
D506	8-719-110-13	DIODE RD9.1ES-B2			
D507	8-719-911-19	DIODE 1SS119			
D509	8-719-911-19	DIODE 1SS119			

Note: #1: Serial No. up to 106,900
#2: Serial No. 106,901 and later

Ref.No.	Part No.	Description
D510	8-719-911-19	DIODE 1SS119
D511	8-719-911-19	DIODE 1SS119
D601	8-719-800-76	DIODE 1SS226
D602	8-719-104-34	DIODE 1S2836
D603	8-719-911-19	DIODE 1SS119
D604	8-719-911-19	DIODE 1SS119
D650	8-719-911-19	DIODE 1SS119
D721	8-719-304-70	DIODE PZ427
D801	8-719-975-27	DIODE CL-55Y/PG-D
D802	8-719-975-27	DIODE CL-55Y/PG-D
D803	8-719-975-27	DIODE CL-55Y/PG-D
D804	8-719-975-27	DIODE CL-55Y/PG-D
D805	8-719-975-27	DIODE CL-55Y/PG-D
D806	8-719-975-27	DIODE CL-55Y/PG-D
D807	8-719-975-27	DIODE CL-55Y/PG-D
D808	8-719-975-27	DIODE CL-55Y/PG-D
D809	8-719-975-27	DIODE CL-55Y/PG-D
D810	8-719-975-27	DIODE CL-55Y/PG-D
D811	8-719-975-27	DIODE CL-55Y/PG-D
D812	8-719-975-27	DIODE CL-55Y/PG-D
D813	8-719-975-27	DIODE CL-55Y/PG-D
D814	8-719-975-27	DIODE CL-55Y/PG-D
D815	8-719-975-27	DIODE CL-55Y/PG-D
D816	8-719-975-27	DIODE CL-55Y/PG-D
D817	8-719-975-27	DIODE CL-55Y/PG-D
D818	8-719-975-27	DIODE CL-55Y/PG-D
D819	8-719-975-27	DIODE CL-55Y/PG-D
D820	8-719-975-27	DIODE CL-55Y/PG-D
D821	8-719-975-27	DIODE CL-55Y/PG-D
D822	8-719-975-27	DIODE CL-55Y/PG-D
D823	8-719-975-27	DIODE CL-55Y/PG-D
D824	8-719-975-27	DIODE CL-55Y/PG-D
D825	8-719-975-27	DIODE CL-55Y/PG-D
D826	8-719-975-27	DIODE CL-55Y/PG-D
D827	8-719-975-27	DIODE CL-55Y/PG-D
D828	8-719-975-27	DIODE CL-55Y/PG-D
D829	8-719-400-18	DIODE MA152WK
D901	8-719-109-89	DIODE RD5.6ES-B2
FE601	1-465-140-11	TUNER UNIT
HIC601	1-808-515-11	IC NMX3S900
IC101	8-759-909-71	IC BA4558F
IC102	8-759-909-71	IC BA4558F
IC103	8-759-909-71	IC BA4558F
IC104	8-759-909-71	IC BA4558F
IC201	8-759-909-71	IC BA4558F
IC202	8-759-909-71	IC BA4558F
IC203	8-759-909-71	IC BA4558F
IC204	8-759-909-71	IC BA4558F
IC301	8-759-501-31	IC SM5840CS
IC302	8-759-909-71	IC BA4558F
IC303	8-759-932-64	IC BU4052BF
IC304	8-759-820-15	IC LC7537AN
IC305	8-759-631-00	IC M5280FP
IC306	8-759-822-61	IC LC78820M
IC401	8-759-782-07	IC RC7808FA

Ref.No.	Part No.	Description
IC402	8-759-982-31	IC RC78M05FA
IC501	8-759-149-70	IC UPD75516GF-107-3B9 (#1)
	8-759-151-43	IC UPD75516GF-160-3B9 (#2)
IC502	8-759-937-86	IC BU4081BF
IC503	8-759-802-76	IC LB1645N
IC601	8-759-821-43	IC LC7218M
IC650	8-759-998-24	IC TDA1579T
IC651	8-759-909-71	IC BA4558F
IC701	8-759-501-33	IC TDA1519A
IC751	8-759-501-33	IC TDA1519A
IC801	8-759-821-44	IC LC7582
JR500	1-216-295-00	METAL GLAZE 0 5% 1/10W
L401	1-408-419-00	INDUCTOR 68UH
L501	1-408-424-00	INDUCTOR 180UH
L502	1-408-424-00	INDUCTOR 180UH
L503	1-408-424-00	INDUCTOR 180UH
L601	1-410-513-11	INDUCTOR 22UH
L650	1-424-036-11	COIL (FILTER)
LCD801	1-808-983-11	DISPLAY PANEL, LIQUID CRYSTAL
PL801	1-518-524-11	LAMP, PILOT
PL802	1-518-646-11	LAMP, PILOT
PL803	1-518-524-11	LAMP, PILOT
PL804	1-518-646-11	LAMP, PILOT
Q101	8-729-920-21	TRANSISTOR DTC314TKH04
Q102	8-729-920-21	TRANSISTOR DTC314TKH04
Q201	8-729-920-21	TRANSISTOR DTC314TKH04
Q202	8-729-920-21	TRANSISTOR DTC314TKH04
Q401	8-729-901-01	TRANSISTOR DTC144EK
Q402	8-729-901-78	TRANSISTOR 2SC2412K-R
Q403	8-729-901-01	TRANSISTOR DTC144EK
Q404	8-729-901-78	TRANSISTOR 2SC2412K-R
Q405	8-729-106-60	TRANSISTOR 2SB1115A
Q406	8-729-901-00	TRANSISTOR DTC124EK
Q407	8-729-921-48	TRANSISTOR 2SD1760F5-Q
Q408	8-729-106-60	TRANSISTOR 2SB1115A
Q409	8-729-901-00	TRANSISTOR DTC124EK
Q410	8-729-921-48	TRANSISTOR 2SD1760F5-Q
Q411	8-729-901-05	TRANSISTOR DTA124EK
Q413	8-729-901-78	TRANSISTOR 2SC2412K-R
Q414	8-729-922-47	TRANSISTOR 2SB1184-F5-R
Q415	8-729-901-00	TRANSISTOR DTC124EK
Q416	8-729-106-60	TRANSISTOR 2SB1115A
Q417	8-729-901-00	TRANSISTOR DTC124EK
Q418	8-729-921-48	TRANSISTOR 2SD1760F5-Q
Q419	8-729-903-63	TRANSISTOR 2SD1664-R
Q420	8-729-922-47	TRANSISTOR 2SB1184-F5-R
Q421	8-729-901-00	TRANSISTOR DTC124EK
Q422	8-729-901-78	TRANSISTOR 2SC2412K-R
Q423	8-729-903-63	TRANSISTOR 2SD1664-R
Q424	8-729-901-05	TRANSISTOR DTA124EK
Q425	8-729-901-00	TRANSISTOR DTC124EK
Q428	8-729-922-47	TRANSISTOR 2SB1184-F5-R
Q429	8-729-106-60	TRANSISTOR 2SB1115A
Q430	8-729-901-00	TRANSISTOR DTC124EK
Q450	8-729-901-05	TRANSISTOR DTA124EK
Q451	8-729-901-00	TRANSISTOR DTC124EK

Ref.No.	Part No.	Description				
Q501	8-729-901-78	TRANSISTOR 2SC2412K-R				
Q502	8-729-901-78	TRANSISTOR 2SC2412K-R				
Q503	8-729-900-53	TRANSISTOR DTC114EK				
Q504	8-729-922-94	TRANSISTOR DTC143TU				
Q505	8-729-900-53	TRANSISTOR DTC114EK				
Q601	8-729-901-05	TRANSISTOR DTA124EK				
Q602	8-729-901-78	TRANSISTOR 2SC2412K-R				
Q603	8-729-901-78	TRANSISTOR 2SC2412K-R				
Q604	8-729-901-78	TRANSISTOR 2SC2412K-R				
Q605	8-729-901-78	TRANSISTOR 2SC2412K-R				
Q606	8-729-106-60	TRANSISTOR 2SB1115A				
Q607	8-729-106-60	TRANSISTOR 2SB1115A				
Q609	8-729-901-78	TRANSISTOR 2SC2412K-R				
Q650	8-729-900-53	TRANSISTOR DTC114EK				
Q651	8-729-900-53	TRANSISTOR DTC114EK				
Q712	8-729-901-00	TRANSISTOR DTC124EK				
Q721	8-729-901-00	TRANSISTOR DTC124EK				
Q722	8-729-901-00	TRANSISTOR DTC124EK				
Q723	8-729-901-00	TRANSISTOR DTC124EK				
Q801	8-729-904-66	TRANSISTOR DTD113EK				
Q802	8-729-904-66	TRANSISTOR DTD113EK				
Q803	8-729-904-66	TRANSISTOR DTD113EK				
Q804	8-729-904-66	TRANSISTOR DTD113EK				
R101	1-216-286-00	METAL GLAZE	4.7M	5%	1/8W	
R102	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R103	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R104	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R105	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R106	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R107	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R108	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R109	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R110	1-216-097-00	METAL GLAZE	100K	5%	1/10W	
R111	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R112	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R113	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R114	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R115	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R116	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R117	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R118	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R119	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R120	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R121	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R123	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R124	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R125	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R201	1-216-286-00	METAL GLAZE	4.7M	5%	1/8W	
R202	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R203	1-216-053-00	METAL GLAZE	1.5K	5%	1/10W	
R204	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R205	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R206	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R207	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R208	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R209	1-216-073-00	METAL GLAZE	10K	5%	1/10W	

Ref.No.	Part No.	Description				
R210	1-216-097-00	METAL GLAZE	100K	5%	1/10W	
R211	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R212	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R213	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W	
R214	1-216-077-00	METAL GLAZE	15K	5%	1/10W	
R215	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R216	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R217	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R218	1-216-121-00	METAL GLAZE	1M	5%	1/10W	
R219	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R220	1-216-083-00	METAL GLAZE	27K	5%	1/10W	
R221	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R222	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R223	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W	
R224	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R225	1-216-041-00	METAL GLAZE	470	5%	1/10W	
R304	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R305	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R306	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R307	1-216-097-00	METAL GLAZE	100K	5%	1/10W	
R308	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R309	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R401	1-216-081-00	METAL GLAZE	22K	5%	1/10W	
R402	1-216-105-00	METAL GLAZE	220K	5%	1/10W	
R403	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R404	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R405	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R406	1-216-089-00	METAL GLAZE	47K	5%	1/10W	
R407	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R408	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R409	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R410	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R411	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R412	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R413	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R414	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R415	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R416	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R417	1-216-091-00	METAL GLAZE	56K	5%	1/10W	
R418	1-216-075-00	METAL GLAZE	12K	5%	1/10W	
R419	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R420	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R421	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R422	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R423	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R424	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R425	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R426	1-216-035-00	METAL GLAZE	270	5%	1/10W	
R427	1-216-194-00	METAL GLAZE	680	5%	1/8W	
R428	1-216-051-00	METAL GLAZE	1.2K	5%	1/10W	
R429	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R430	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R431	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W	
R432	1-216-073-00	METAL GLAZE	10K	5%	1/10W	
R433	1-216-049-00	METAL GLAZE	1K	5%	1/10W	
R434	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W	
R436	1-216-194-00	METAL GLAZE	680	5%	1/8W	

Ref.No.	Part No.	Description			
R438	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R439	1-216-200-00	METAL GLAZE	1.2K	5%	1/8W
R440	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R441	1-216-190-00	METAL GLAZE	470	5%	1/8W
R450	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R451	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R501	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R502	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R503	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R504	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R505	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R506	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R507	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R508	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R509	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R510	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R511	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R512	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R513	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R514	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R515	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R516	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R517	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R518	1-216-035-00	METAL GLAZE	270	5%	1/10W
R519	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R520	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R521	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R522	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R523	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R524	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R525	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R526	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R528	1-216-001-00	METAL GLAZE	10	5%	1/10W
R529	1-216-027-00	METAL GLAZE	120	5%	1/10W
R530	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R531	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R532	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R533	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R601	1-216-041-00	METAL GLAZE	470	5%	1/10W
R602	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R603	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R604	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R605	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R606	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R607	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R608	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R609	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R610	1-216-063-00	METAL GLAZE	3.9K	5%	1/10W
R611	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R612	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R613	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R614	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R615	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R616	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R617	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R618	1-216-080-00	METAL GLAZE	20K	5%	1/10W
R619	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W

Ref.No.	Part No.	Description			
R620	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R621	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R622	1-216-055-00	METAL GLAZE	1.8K	5%	1/10W
R623	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R624	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R625	1-216-214-00	METAL GLAZE	4.7K	5%	1/8W
R626	1-216-079-00	METAL GLAZE	18K	5%	1/10W
R627	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R628	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R629	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R650	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R651	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R652	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R653	1-216-067-00	METAL GLAZE	5.6K	5%	1/10W
R654	1-216-116-00	METAL GLAZE	620K	5%	1/10W
R655	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R656	1-216-093-00	METAL GLAZE	68K	5%	1/10W
R657	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R658	1-216-065-00	METAL GLAZE	4.7K	5%	1/10W
R659	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R660	1-216-117-00	METAL GLAZE	680K	5%	1/10W
R661	1-216-041-00	METAL GLAZE	470	5%	1/10W
R662	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R663	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R664	1-216-095-00	METAL GLAZE	82K	5%	1/10W
R665	1-216-106-00	METAL GLAZE	240K	5%	1/10W
R666	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R667	1-216-041-00	METAL GLAZE	470	5%	1/10W
R668	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R669	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R670	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R671	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R701	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R702	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R703	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R704	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R705	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R706	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R721	1-216-037-00	METAL GLAZE	330	5%	1/10W
R722	1-216-001-00	METAL GLAZE	10	5%	1/10W
R723	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R724	1-216-089-00	METAL GLAZE	47K	5%	1/10W
R751	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R752	1-216-748-11	METAL GLAZE	39K	5%	1/10W
R753	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R754	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R755	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R756	1-216-075-00	METAL GLAZE	12K	5%	1/10W
R801	1-216-239-00	METAL GLAZE	51K	5%	1/8W
R802	1-216-262-00	METAL GLAZE	470K	5%	1/8W
R803	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R804	1-216-182-00	METAL GLAZE	220	5%	1/8W
R805	1-216-178-00	METAL GLAZE	150	5%	1/8W
R806	1-216-188-00	METAL GLAZE	390	5%	1/8W
R807	1-216-184-00	METAL GLAZE	270	5%	1/8W
R808	1-216-182-00	METAL GLAZE	220	5%	1/8W
R809	1-216-178-00	METAL GLAZE	150	5%	1/8W

Note: #1: Serial No. up to 106,900
#2: Serial No. 106,901 and later

Ref.No.	Part No.	Description
R810	1-216-182-00	METAL GLAZE 220 5% 1/8W
R811	1-216-178-00	METAL GLAZE 150 5% 1/8W
R812	1-216-182-00	METAL GLAZE 220 5% 1/8W
R813	1-216-178-00	METAL GLAZE 150 5% 1/8W
R814	1-216-182-00	METAL GLAZE 220 5% 1/8W
R815	1-216-178-00	METAL GLAZE 150 5% 1/8W
R816	1-216-188-00	METAL GLAZE 390 5% 1/8W
R817	1-216-184-00	METAL GLAZE 270 5% 1/8W
R818	1-216-182-00	METAL GLAZE 220 5% 1/8W
R819	1-216-178-00	METAL GLAZE 150 5% 1/8W
R820	1-216-182-00	METAL GLAZE 220 5% 1/8W
R821	1-216-178-00	METAL GLAZE 150 5% 1/8W
R822	1-216-182-00	METAL GLAZE 220 5% 1/8W
R823	1-216-178-00	METAL GLAZE 150 5% 1/8W
R901	1-216-198-00	METAL GLAZE 1K 5% 1/8W
RV601	1-238-207-11	RES, ADJ, METAL GLAZE 100K
RV602	1-238-204-11	RES, ADJ, METAL GLAZE 10K
SW501	1-553-510-00	SWITCH, SLIDE
SW701	1-570-827-11	SWITCH, SLIDE (SSJ3)
SW801	1-554-813-41	SWITCH, KEY BOARD (MUTE) #1
	1-554-813-41	SWITCH, KEY BOARD (SDK) #2
SW802	1-554-813-41	SWITCH, KEY BOARD (-)
SW803	1-554-813-41	SWITCH, KEY BOARD (SELECT)
SW804	1-554-813-41	SWITCH, KEY BOARD (+)
SW805	1-554-813-41	SWITCH, KEY BOARD (SDK) #1
	1-554-813-41	SWITCH, KEY BOARD (LOUD) #2
SW806	1-554-813-41	SWITCH, KEY BOARD (SENS)
SW807	1-571-938-21	SWITCH, KEY BOARD (ILL)
SW808	1-571-938-21	SWITCH, KEY BOARD (DISP)
SW809	1-554-813-41	SWITCH, KEY BOARD (MUTE -)
SW810	1-554-813-41	SWITCH, KEY BOARD (MUTE +)
SW811	1-554-813-41	SWITCH, KEY BOARD (SEEK -)
SW812	1-554-813-41	SWITCH, KEY BOARD (SEEK +)
SW813	1-554-813-41	SWITCH, KEY BOARD (3)
SW814	1-554-813-41	SWITCH, KEY BOARD (4)
SW815	1-554-813-41	SWITCH, KEY BOARD (5)
SW816	1-554-813-41	SWITCH, KEY BOARD (6)

Ref.No.	Part No.	Description
SW817	1-554-813-41	SWITCH, KEY BOARD (▲)
SW818	1-554-813-41	SWITCH, KEY BOARD (M.SCAN)
SW819	1-554-813-41	SWITCH, KEY BOARD (1)
SW820	1-554-813-41	SWITCH, KEY BOARD (2)
SW821	1-554-813-41	SWITCH, KEY BOARD (OFF)
SW822	1-554-813-41	SWITCH, KEY BOARD (FM)
SW823	1-554-813-41	SWITCH, KEY BOARD (AM)
SW824	1-554-813-41	SWITCH, KEY BOARD (CD)
SW825	1-571-938-21	SWITCH, KEY BOARD (RESET)
SW901	1-570-771-11	SWITCH
TH501	1-808-656-11	THERMISTOR
X301	1-567-820-11	VIBRATOR, CRYSTAL (16MHz)
X501	1-567-775-11	VIBRATOR, CERAMIC (4.19MHz)
X601	1-567-250-11	OSCILLATOR, CERAMIC (4.56MHz)
X602	1-567-848-11	VIBRATOR, CRYSTAL (7.2MHz)

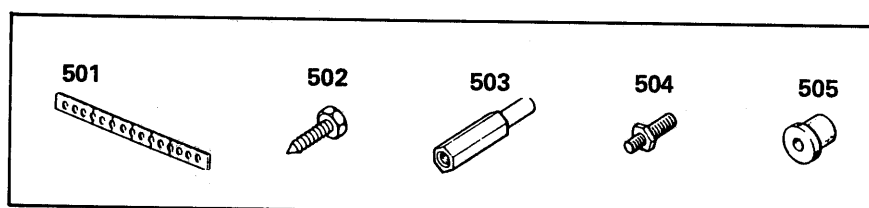
ACCESSORY & PACKING MATERIAL

1-575-615-11	CORD (WITH CONNECTOR)
3-302-708-00	COVER, CONNECTOR
3-336-617-01	BAG, PROTECTION
3-355-210-01	COVER (2), PIN JACK
*3-355-286-01	CUSHION (UPPER)
*3-355-287-01	CUSHION (LOWER)
*3-360-115-01	INDIVIDUAL CARTON
3-751-548-51	MANUAL, INSTRUCTION
3-751-549-51	MANUAL, INSTRUCTION

MOUNTING HARDWARE

<u>No.</u>	<u>Part No.</u>	<u>Description</u>
501	3-310-655-01	SUPPORT (ND), FITTING
502	3-302-126-01	SCREW TAPPING (DIA 5X20)
503	3-323-210-01	ADJUSTOR, STUD BOLT
504	3-323-209-01	BOLT (4-5), STUD
505	3-349-410-01	BUSHING

SUPPLIED MOUNTING HARDWARE



(MD SECTION)

Ref.No.	Part No.	Description			
920	1-634-332-11	PC BOARD, (A) FLEXIBLE			
921	*1-634-331-11	PC BOARD, LED			
922	*1-634-330-11	PC BOARD, SENSOR			
923	*A-3279-978-A	MOUNTED PCB, RF			
924	1-634-333-11	PC BOARD, (B) FLEXIBLE			
925	1-634-334-11	PC BOARD, (C) FLEXIBLE			
926	△,8-848-124-11	DEVICE, OPTICAL KSS-168ARP			
C1	1-135-166-21	TANTAL. CHIP 47MF	20%	6.3V	
C2	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	
C3	1-126-599-11	ELECT 330MF	20%	6.3V	
C4	1-163-989-11	CERAMIC CHIP 0.033MF	10%	25V	
C5	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V	
C6	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V	
C7	1-163-078-11	CERAMIC CHIP 0.033MF	10%	25V	
C8	1-163-059-00	CERAMIC CHIP 0.01MF	10%	50V	
C9	1-126-593-11	ELECT CHIP 0.47MF	20%	50V	
C10	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	
C11	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	
C12	1-164-232-11	CERAMIC CHIP 0.01MF	10%	50V	
C13	1-126-593-11	ELECT CHIP 0.47MF	20%	50V	
C14	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	
C15	1-163-009-11	CERAMIC CHIP 0.001MF	10%	50V	
C16	1-126-590-11	ELECT CHIP 22MF	20%	4V	
C17	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V	
C18	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	
C19	1-163-989-11	CERAMIC CHIP 0.033MF	10%	25V	
C20	1-126-592-11	ELECT CHIP 4.7MF	20%	16V	
C21	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	
C22	1-164-004-11	CERAMIC CHIP 0.1MF	10%	25V	
C23	1-126-591-11	ELECT CHIP 10MF	20%	6.3V	
C24	1-126-594-11	ELECT CHIP 1MF	20%	50V	
C25	1-126-594-11	ELECT CHIP 1MF	20%	50V	
C26	1-163-077-00	CERAMIC CHIP 0.1MF	10%	25V	
C27	1-163-077-00	CERAMIC CHIP 0.1MF	10%	25V	
C29	1-126-590-11	ELECT CHIP 22MF	20%	4V	
C30	1-126-590-11	ELECT CHIP 22MF	20%	4V	
C31	1-126-590-11	ELECT CHIP 22MF	20%	4V	
C34	1-163-809-11	CERAMIC CHIP 0.047MF	10%	25V	
C35	1-163-017-00	CERAMIC CHIP 0.0047MF	10%	50V	
C36	1-126-592-11	ELECT CHIP 4.7MF	20%	16V	
C37	1-126-591-11	ELECT CHIP 10MF	20%	6.3V	
C38	1-162-638-11	CERAMIC CHIP 1MF		16V	
C39	1-162-638-11	CERAMIC CHIP 1MF		16V	
C40	1-126-176-11	ELECT 220MF	20%	10V	
C99	1-102-074-00	CERAMIC 0.001MF	10%	50V	

Ref.No.	Part No.	Description			
CNJ11	1-568-141-11	HOUSING, CONNECTOR 5P			
CNJ12	1-568-142-11	HOUSING, CONNECTOR 13P			
CNJ13	1-566-531-11	CONNECTOR, FPC (ZIF) 15P			
CNJ14	1-566-531-11	CONNECTOR, FPC (ZIF) 15P			
CNP10	*1-506-990-11	PIN, CONNECTOR (PC BOARD) 8P			
D80	8-719-404-19	DIODE LN1251C			
D81	8-719-404-19	DIODE LN1251C			
D82	8-719-404-19	DIODE LN1251C			
IC1	8-752-033-14	IC CXA1081Q			
IC2	8-752-037-50	IC CXA1082BQ			
IC3	8-752-334-28	IC CXD1167Q			
IC4	8-759-821-76	IC LA6533			
IC5	8-759-821-76	IC LA6533			
JR1	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR2	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR3	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR4	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR5	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR6	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR7	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR8	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR9	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR10	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR11	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR12	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR13	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR14	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR15	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR16	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR17	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR18	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR19	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR20	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR21	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR22	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR23	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR24	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR25	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR26	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR27	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR28	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR29	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR30	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR31	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR32	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR33	1-216-296-00	METAL GLAZE	0	5%	1/8W

Note: The components identified by mark  or dotted line with mark  are critical for safety. Replace only with part number specified.

Ref.No.	Part No.	Description			
JR34	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR51	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR52	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR53	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR54	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR55	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR56	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR57	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR58	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR59	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR60	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR61	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR62	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR63	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR64	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR65	1-216-295-00	METAL GLAZE	0	5%	1/10W
JR90	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR91	1-216-296-00	METAL GLAZE	0	5%	1/8W
JR92	1-216-296-00	METAL GLAZE	0	5%	1/8W
L1	1-410-204-31	INDUCTOR CHIP	10UH		
L2	1-410-198-51	INDUCTOR CHIP	3.3UH		
LCD801	1-808-983-11	DISPLAY PANEL, LIQUID CRYSTAL			
M901	A-4910-183-A	MOTOR ASSY, SL (SLED)			
M902	1-541-448-41	MOTOR (SPINDLE)			
M903	A-3249-535-A	GEAR (A) ASSY (LOADING)			
PM901	1-454-461-11	SOLENOID, PLUNGER			
Q1	8-729-900-53	TRANSISTOR DTC114EK			
Q2	8-729-900-53	TRANSISTOR DTC114EK			
Q3	8-729-900-53	TRANSISTOR DTC114EK			
Q4	8-729-141-48	TRANSISTOR 2SB624-BV345			
Q90	8-729-402-08	TRANSISTOR PN147-LF			
Q91	8-729-402-08	TRANSISTOR PN147-LF			
Q92	8-729-402-08	TRANSISTOR PN147-LF			
R1	1-216-150-00	METAL GLAZE	10	5%	1/8W
R2	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R3	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R4	1-216-057-00	METAL GLAZE	2.2K	5%	1/10W
R5	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R6	1-216-206-00	METAL GLAZE	2.2K	5%	1/8W
R7	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R8	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R9	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R10	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R11	1-216-061-00	METAL GLAZE	3.3K	5%	1/10W
R12	1-216-103-00	METAL GLAZE	180K	5%	1/10W
R13	1-216-121-00	METAL GLAZE	1M	5%	1/10W
R14	1-216-105-00	METAL GLAZE	220K	5%	1/10W
R15	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R16	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R17	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R18	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R19	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R20	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R21	1-216-085-00	METAL GLAZE	33K	5%	1/10W

Ref.No.	Part No.	Description			
R22	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R23	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R24	1-216-103-00	METAL GLAZE	180K	5%	1/10W
R25	1-216-210-00	METAL GLAZE	3.3K	5%	1/8W
R26	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R27	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R28	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R29	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R30	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R31	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R32	1-216-076-00	METAL GLAZE	13K	5%	1/10W
R33	1-216-076-00	METAL GLAZE	13K	5%	1/10W
R34	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R35	1-216-114-00	METAL GLAZE	510K	5%	1/10W
R36	1-216-059-00	METAL GLAZE	2.7K	5%	1/10W
R37	1-216-103-00	METAL GLAZE	180K	5%	1/10W
R38	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R39	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R40	1-216-097-00	METAL GLAZE	100K	5%	1/10W
R41	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R42	1-216-073-00	METAL GLAZE	10K	5%	1/10W
R43	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R44	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R45	1-216-198-00	METAL GLAZE	1K	5%	1/8W
R46	1-216-049-00	METAL GLAZE	1K	5%	1/10W
R47	1-216-229-00	METAL GLAZE	20K	5%	1/8W
R48	1-216-220-00	METAL GLAZE	8.2K	5%	1/8W
R49	1-216-246-00	METAL GLAZE	100K	5%	1/8W
R50	1-216-085-00	METAL GLAZE	33K	5%	1/10W
R51	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R52	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R53	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R54	1-216-081-00	METAL GLAZE	22K	5%	1/10W
R55	1-216-024-00	METAL GLAZE	91	5%	1/10W
RV1	1-238-205-11	RES, ADJ, METAL GLAZE	22K		
RV2	1-238-206-11	RES, ADJ, METAL GLAZE	47K		
RV3	1-238-665-11	RES, ADJ, CERMET	22K		
RV4	1-238-665-11	RES, ADJ, CERMET	22K		
RV5	1-238-662-11	RES, ADJ, CERMET	2.2K		
SW80	1-571-754-11	SWITCH, PUSH (1 KEY)			
SW81	1-571-754-11	SWITCH, PUSH (1 KEY)			
SW90	1-554-938-11	SWITCH, LEAF			
SW91	1-554-938-11	SWITCH, LEAF			
TH1	1-808-656-11	THERMISTOR			
TH2	1-808-656-11	THERMISTOR			