SPECIFICATIONS

FM Tuner

Frequency Range: 87.75MHz to 107.9MHz
(AUTO 200KHz STEP,MANU 200KHz STEP)
Quieting sens.: Less than 15dBuV
(at 87.9 / 98.1 / 107.9MHz, S/N=30dB)
Stereo separation: More than 22 +/-5dB (1K)
More than 10 +/-5dB (7K)
(98.1MHz, ANT.IN 65dBuV, 1KHz/7KHz)
SASC sens. 37 +/- 5dBu (at 98.1M Hz, MOD.7KHz, ANT.IN 65dBuV -1dB POINT)
Auto stop sens.: DX 32 +/- 6dBuV
(at 87.9 / 98.1 / 107.9MHz)
S/N: More than 50dB
(at 87.9 / 98.1 / 107.9MHz, ANT.IN 55dBuV, 0dB=1.0V)
Noise level -20dBuV IN: -15 +/- 3dB
(at 98.1MHz, ANT.IN 55dBuV -> -20dBuV)

AM Tuner

Frequency Range: 530KHz to 1710KHz
(AUTO 10KHz STEP,MANU 10KHz STEP)
Quieting sens.: Less than 37dBuV
(at 600 / 1000 / 1400KHz, S/N=20dB)
Auto stop sens.: DX 39 +/- 6dBuV
(at 600 / 1000 / 1400KHz)
S/N: More than 40dB
(at 600 / 1000 / 1400KHz, ANT.IN 74dBuV, 0dB=1.0V)

CD Player

Distortion: Less than 0.2%
(1KHz 5TRACK CD-782/SCD-5606 20KHz LPF)
S/N: More than 74dB
(1KHz 2TRACK -> - ∞ 8TRACK 0dB=4.5V 20KHz LPF)
Separation: More than 50dB
(1KHz 9TRACK/11TRACK 20KHz LPF)

General

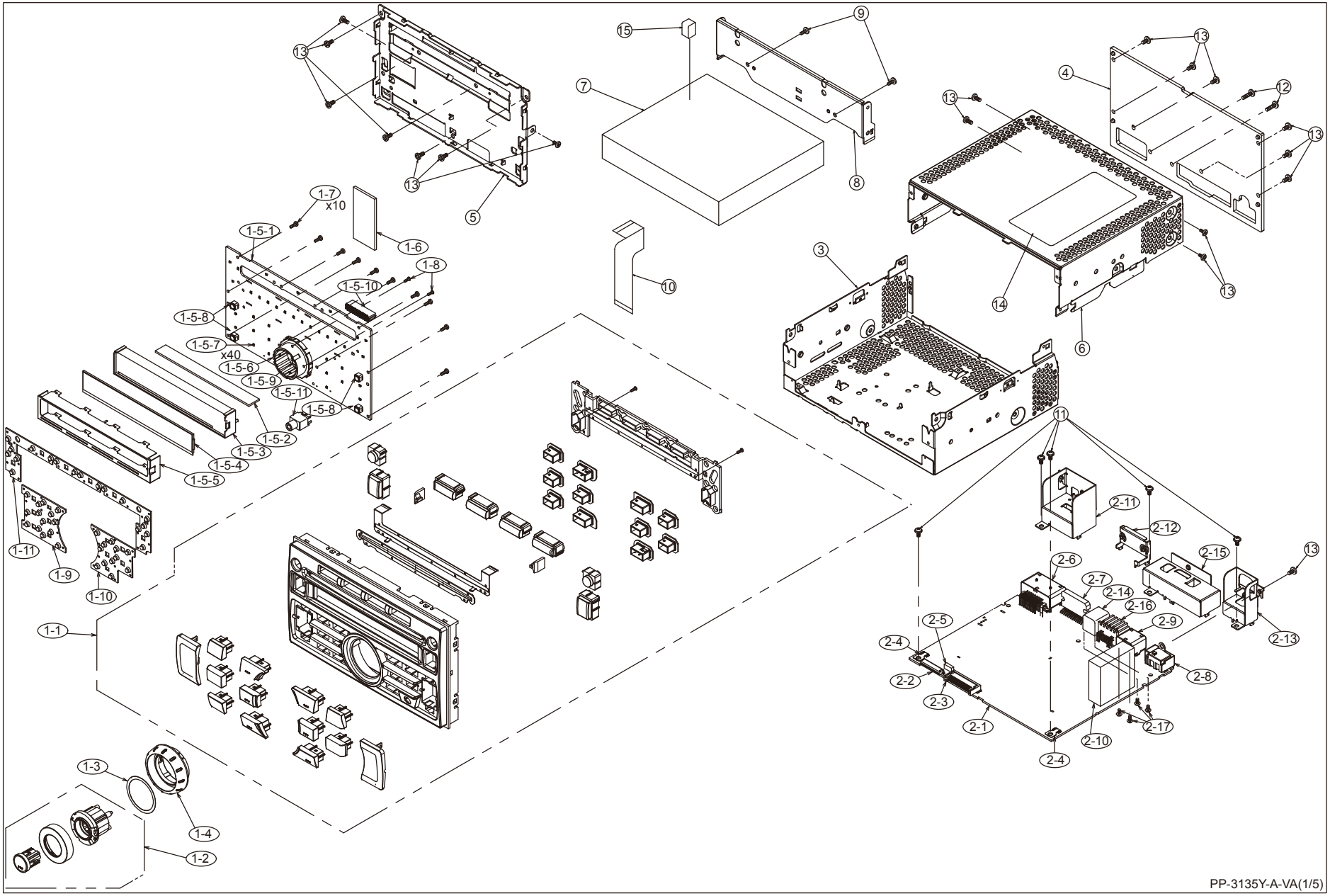
Backup current : Less than 1.0mA
(13.2V, 30sec. after ACC OFF)
Clock accuracy: Within 0+/-1 sec. (DAY)

Test conditions

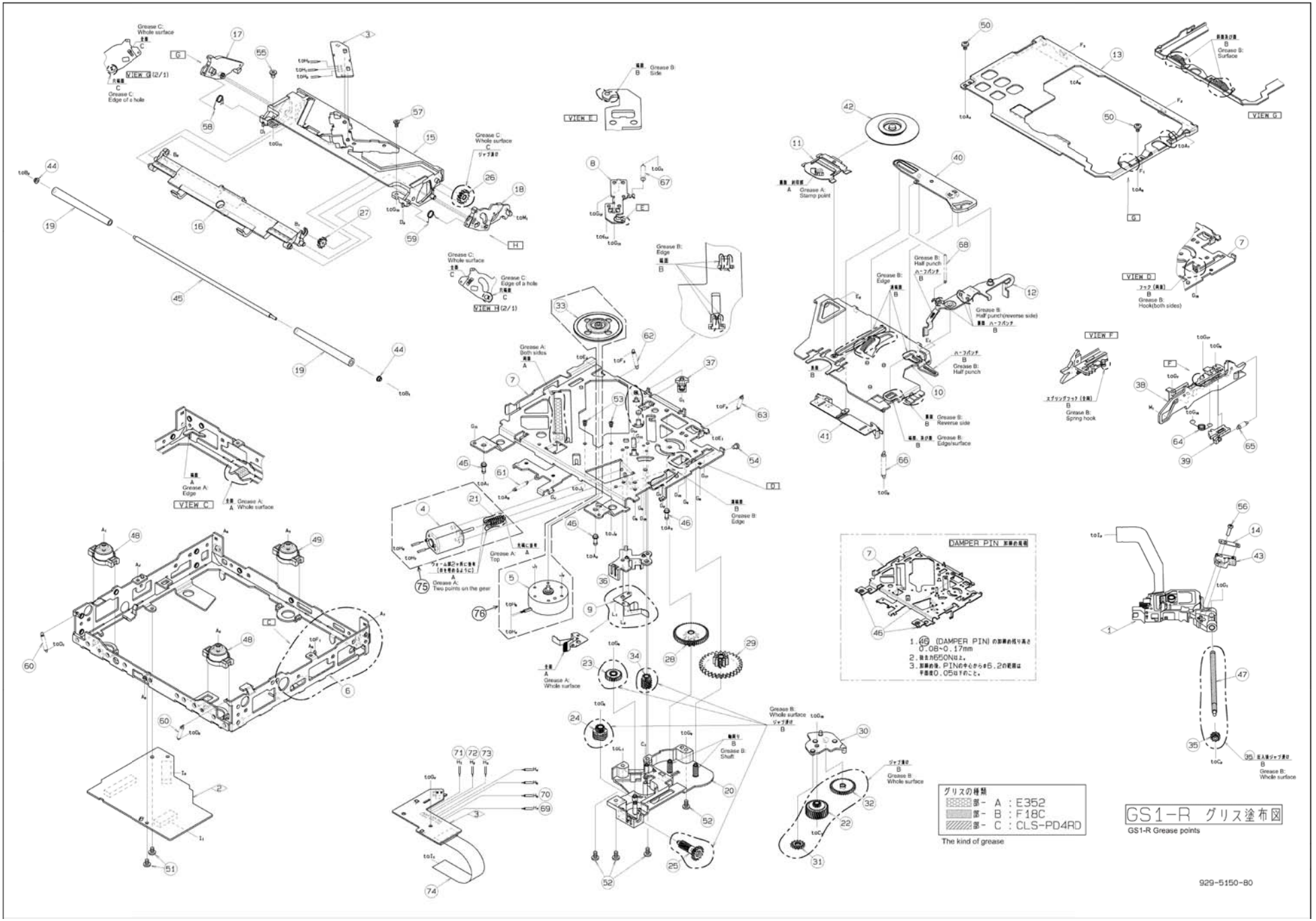
Power supply voltage: 13.2V DC, negative ground
Load resistance: 2ohm
Tone, Bass/Treb position: CENTER
Balance position: CENTER
Fader position: CENTER
* For details, please refer to the design specifications.

EXPLODED VIEW / PARTS LIST

NO.	PART NO.	DESCRIPTION	Q'TY
1	----------	-	-
1-1	940-8441-56	ES-ASSY(for PP3135RC)	1
	940-8441-57	ES-ASSY(for PP3135RD)	1
1-2	947-0591-10	KNOB ASSY	1
1-3	347-7959-00	SHADE	1
1-4	380-5655-00	KNOB	1
1-5	----------	-	-
1-5-1	----------	SW PWB(330700-039)	1
1-5-2	345-6311-01	RUBBER CONNECT	1
1-5-3	335-8365-00	LCD-HOLDER	1
1-5-4	379-1434-50	INDICATOR	1
1-5-5	331-4675-01	LCD COVER	1
1-5-6	016-7004-00	ROTARY SWITCH	1
1-5-7	001-7109-90	DIODE	40
1-5-8	013-6202-52	TACT SWITCH	4
1-5-9	013-6201-53	TACT SWITCH	1
1-5-10	074-3033-26	OUTLET SOCKET	1
1-5-11	075-0395-01	JACK	1
1-6	345-8090-00	CUSHION RUBBER	1
1-7	716-0778-52	SPECIAL SCREW	10
1-8	716-0872-51	SPECIAL SCREW	2
1-9	345-6308-00	RUBBER SW(LH)	1
1-10	345-6309-00	RUBBER SW(RH)	1
1-11	345-6310-00	RUBBER SW(UP)	1
2	----------	-	-
2-1	----------	MAIN PWB(339200-039)	1
2-2	074-2201-88	OUTLET SOCKET	1
2-3	076-3011-76	PLUG	1
2-4	073-0762-90	TERMINAL	2
2-5	----------	N/A(PLUG)	-
2-6	074-4009-20	OUTLET SOCKET	1
2-7	051-2067-00	IC	1
2-8	092-2210-01	ANT-RECEPT	1
2-9	074-1302-16	OUTLET SOCKET	1
2-10	.880-2091L	TUNER(2091LT-80)	1
2-11	331-4679-00	SOCKET HOLDER	1
2-12	331-4678-00	IC-HOLDER	1
2-13	331-4676-00	ANT-HOLDER	1
2-14	074-1302-08	OUTLET SOCKET	1
2-15	331-4677-00	SHIELD CASE	1
2-16	074-1013-00	OUTLET SOCKET	1
2-17	778-3006-00	TAP-SCREW	4
3	311-1969-00	LOWER CASE	1
4	313-2052-30	HEAT SINK	1
5	309-1885-00	ES-PLATE(1CD)	1
6	310-1889-00	UPPER CASE	1
7	929-5180-80	CD-MECH-MODULE	1
8	331-4123-00	CD BRKT	1
9	714-2603-89	MACHINE SCREW	2
10	816-3073-05	FLAT WIRE	1
11	716-0878-50	SPECIAL SCREW	5
12	735-2614-1B	D-SEMS SCREW	2
13	714-2606-8B	MACHINE SCREW	18
14	276-0066-46	SETPLATE(for PP3135RC)	1
	276-0066-52	SETPLATE(for PP3135RD)	1
15	----------	N/A(GASKET)	-


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x10
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x40
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PP-3135Y-A-VA(1/5)

EXPLODED VIEW / PARTS LIST



△2013.09.27

NO.	PART NO.	DESCRIPTION	Q'TY
1	969-0080-30	PICKUP-ASSY	1
2	----------	MAIN-PWB-ASSY(5150BH-97)	1
3	----------	SENS-PWB-ASSY(5100BH-95)	1
4	----------	DC-MOTOR PWR(154000-020)	1
5	----------	DC-MOTOR SPN(154100-020)	1
6	620-1910-21	LOWER CHASSIS	1
7	620-1911-20	DRIVE PLATE	1
8	620-1912-21	ID-LOCK PLATE	1
9	620-1913-20	SPRING PLATE	1
10	620-1914-21	CLAMPER ARM	1
11	620-1915-22	CLAMPER PLATE	1
12	620-1916-22	SENSOR ARM	1
13	620-1928-20	UPPER CHASSIS	1
14	620-1918-21	LS-RACK PLATE	1
15	621-1877-20	UPPER GUIDE	1
16	621-1846-22	ROLLER GUIDE	1
17	621-1847-20	LOCK ARM L	1
18	621-1848-22	LOCK ARM R	1
19	621-1849-20	LOADING ROLLER	2
20	621-1850-22	GEAR BOX	1
21	----------	M-GEAR PWR(185121-621)	1
22	621-1852-20	SECOND GEAR	1
23	621-1853-20	ROLLER GEAR A	1
24	621-1888-20	ROLLER GEAR B	1
25	621-1855-20	ROLLER GEAR C	1
26	621-1856-20	ROLLER GEAR D	1
27	621-1857-21	ROLLER GEAR E	1
28	621-1858-20	POWER GEAR A	1
29	621-1859-20	POWER GEAR B	1
30	621-1860-21	IDLE CASE	1
31	621-1861-20	IDLE GEAR A	1
32	621-1862-20	IDLE GEAR B	1
33	----------	TURN TABLE(186320-621)	1
34	621-1864-20	THREAD GEAR A	1
35	621-1865-20	THREAD GEAR B	1
36	621-1866-20	LS-HOLDER A	1
37	621-1867-20	LS-HOLDER B	1
38	621-1878-20	SHIFT LEVER	1

NO.	PART NO.	DESCRIPTION	Q'TY
39	621-1869-21	RACK	1
40	621-1870-21	STOPPER LINK	1
41	621-1871-22	DISC STOPPER	1
42	621-1872-21	CLAMPER RING	1
43	621-1873-21	LS-RACK	1
44	621-1726-21	ROLLER SLEEVE	2
45	622-1885-20	ROLLER SHAFT	1
46	622-1886-20	DAMPER PIN	3
47	624-3062-20	LEAD SCREW	1
48	629-0138-21	DAMPER F	2
49	629-0139-21	DAMPER R	1
50	714-2003-8B	MACHIN SCREW	2
51	716-3718-00	SPECIAL SCREW	2
52	716-3719-00	SPECIAL SCREW	4
53	716-3720-00	SPECIAL SCREW	2
54	716-3721-00	SPECIAL SCREW	1
55	716-3722-00	SPECIAL SCREW	1
56	716-3723-02	SPECIAL-SCREW	1
57	716-3724-00	SPECIAL SCREW	1
58	750-7924-22	ROLLER SPRING L	1
59	750-7925-21	ROLLER SPRING R	1
60	750-7926-20	DR-SPRING F	2
61	750-7927-20	DR-SPRING C	1
62	750-7928-20	DR-SPRING RA	1
63	750-7929-20	DR-SPRING RB	1
64	750-7930-20	SHIFT SPRING	1
65	750-7931-20	RACK SPRING	1
66	750-7932-20	CLAMPER SPRING	1
67	750-7933-20	ID-LOCK SPRING	1
68	750-7934-20	SENSOR SPRING	1
69	803-4906-60	VINYL-COAT-WIRE	1
70	816-2590-00	SPECIAL LEAD	1
71	816-2591-00	SPECIAL LEAD	1
72	816-2592-00	SPECIAL LEAD	1
73	816-2593-00	SPECIAL LEAD	1
74	816-4070-50	FLAT WIRE	1
75	HBS-668-100	POWER MOTOR ASSY	1
76	HBS-669-100	SLED MOTOR ASSY	1

ELECTRICAL PARTS LIST

MAIN PWB(B1) section

△2013.09.27

REF No.	PART No.	DESCRIPTION
C2	168-1052-78	16V 1uF K
C4	046-1042-78	16V 0.1uF
C5	168-1052-78	16V 1uF K
C7	042-0560-85	6.3V 100uF
C10	168-1052-78	16V 1uF K
C11	046-1042-78	16V 0.1uF
C12	165-1073-35	16V 100uF
C14	046-1042-78	16V 0.1uF
C15	046-1042-78	16V 0.1uF
C17	046-4722-58	4700pF K B
C18	046-1042-78	16V 0.1uF
C19	046-1042-78	16V 0.1uF
C20	168-1052-78	16V 1uF K
C21	046-1522-58	1500pF K B
C22	046-1042-78	16V 0.1uF
C23	046-1532-78	0.015uF K B
C25	046-2222-58	2200pF K B
C26	046-4712-58	470pF K B
C27	046-1032-78	16V 0.01uF
C28	046-3332-78	0.033uF K B
C29	046-4712-58	470pF K B
C30	168-1532-55	0.015uF K
C31	046-1042-78	16V 0.1uF
C32	045-4701-50	47pF CH
C33	046-6822-58	6800pF K B
C34	046-1042-78	16V 0.1uF
C35	045-6801-50	68pFJ CH
C36	046-1042-78	16V 0.1uF
C37	046-5622-58	5600pF K B
C38	046-4732-78	16V 0.047uF
C39	046-4732-78	16V 0.047uF
C40	046-1042-78	16V 0.1uF
C41	046-1042-78	16V 0.1uF
C45	046-1042-78	16V 0.1uF
C46	043-0570-90	16V 2.2uF K
C47	046-1042-78	16V 0.1uF
C48	046-1042-78	16V 0.1uF
C50	045-1201-50	12pFJ CH
C51	045-1201-50	12pFJ CH
C57	046-1042-78	16V 0.1uF

REF No.	PART No.	DESCRIPTION
C59	165-4763-15	6.3V 47uF
C62	046-1042-78	16V 0.1uF
C63	046-1042-78	16V 0.1uF
C64	168-1052-78	16V 1uF K
C66	046-1042-78	16V 0.1uF
C67	042-0560-85	6.3V 100uF
C68	046-1042-78	16V 0.1uF
C70	046-1032-78	16V 0.01uF
C76	165-4763-15	6.3V 47uF
C79	045-1011-50	100pFJ CH
C80	045-6097-50	6 +/-0.5pF CH
D1	001-0367-91	1SS226
ET1	073-0792-90	TERMINAL
IC1	051-6101-90	BD8226EFV
IC2	051-6751-00	TC94A93MFG-201 (for 929-5180-80)
IC2	051-6752-00	TC94A92FG-301 (for 929-5150-80)
IC3	051-3598-90	BU15TA2WHFV
IC4	----------	BH33MAWHFV (Regulator) (Bottom pad type) (350990-051)
J1	074-2215-65	15P
J2	074-2504-10	OUTLET SOCKET
J3	074-2259-38	38P
L1	010-3105-69	80 ohm/100MHz
Q1	190-1365-50	2SA1365 AF,AG
R1	033-2211-15	1/16W 220 ohm J
R2	033-4721-15	1/16W 4.7k ohm J
R3	033-4721-15	1/16W 4.7k ohm J
R4	117-1821-15	1/8W 1.8k ohm
R5	033-1831-15	1/16W 18k ohm J
R6	033-1231-15	1/16W 12k ohm J
R7	116-1001-15	1/4W 10 ohm
R8	033-1541-15	1/16W 150k ohm J
R9	033-1031-15	1/16W 10k ohm J
R15	033-2211-15	1/16W 220 ohm J
R16	033-2231-15	1/16W 22k ohm J
R17	033-4731-15	1/16W 47k ohm J

REF No.	PART No.	DESCRIPTION
R18	033-3341-15	1/16W 330k ohm J
R19	033-0000-05	1/16W 0 ohm
R20	033-3331-15	1/16W 33k ohm J
R21	033-4731-15	1/16W 47k ohm J
R22	033-1011-15	1/16W 100 ohm J
R27	033-1051-15	1/16W 1M ohm J
R28	033-2221-15	1/16W 2.2k ohm J
R30	033-2211-15	1/16W 220 ohm J
R32	033-2211-15	1/16W 220 ohm J
R35	033-1031-15	1/16W 10k ohm J
R36	033-2211-15	1/16W 220 ohm J
R37	033-2211-15	1/16W 220 ohm J
R43	033-2211-15	1/16W 220 ohm J
R45	033-1031-15	1/16W 10k ohm J
R46	033-2211-15	1/16W 220 ohm J
R47	033-2211-15	1/16W 220 ohm J
R50	033-1031-15	1/16W 10k ohm J
R51	033-2211-15	1/16W 220 ohm J
R52	033-2211-15	1/16W 220 ohm J
R56	033-1031-15	1/16W 10k ohm J
R58	033-1011-15	1/16W 100 ohm J
R59	033-2211-15	1/16W 220 ohm J
R63	033-1011-15	1/16W 100 ohm J
R65	119-0000-05	1/10W 0 ohm JW
R66	033-2731-15	1/16W 27k ohm J
R67	033-0000-05	1/16W 0 ohm
R69	119-2201-15	1/10W 22 ohm
R70	119-2201-15	1/10W 22 ohm
R72	119-0000-05	1/10W 0 ohm JW
R73	119-0000-05	1/10W 0 ohm JW
R74	119-0000-05	1/10W 0 ohm JW
R75	119-0000-05	1/10W 0 ohm JW
R81	119-0000-05	1/10W 0 ohm JW
X1	061-3586-90	DSX321G(F) 16.920MHz
PWB	039-3731-20	PWB(WITHOUT COMPONENTS)

SENSOR PWB(B2) section

REF No.	PART No.	DESCRIPTION
D1	001-7138-91	SML-S13RT T86
D2	001-7138-91	SML-S13RT T86
J1	074-2504-10	OUTLET SOCKET

REF No.	PART No.	DESCRIPTION
Q1	060-4025-90	SML-H10TBT86
Q2	060-4025-90	SML-H10TBT86
S2	013-7414-50	SPVG220100

REF No.	PART No.	DESCRIPTION
PWB	039-3732-20	PWB(WITHOUT COMPONENTS)