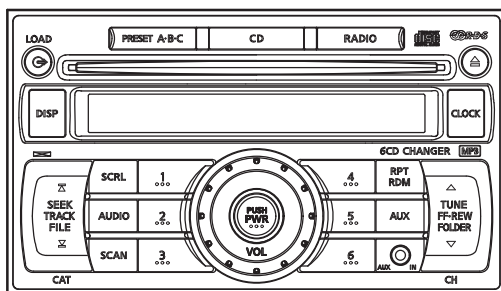


Service Manual



NISSAN Automobile Genuine
AM/FM Radio 6CD Combination

Model PN-2813L-C
(Genuine No.28185 EM33A)
(ID No. CY05E)

ORIGINAL SERVICE MANUAL

This additional service manual is designed to be used together with Model PN-2813L-A

Original model	Manual No.
PN-2813L-A	298-6359-00

Some mount,electric parts and CD mechannism differ from the original model.

COMPONENTS

PN-2813L-C

1.	Main unit	-----	1
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DIFFERENCE FROM ORIGINAL ELECTRICAL PARTS LIST

Main PWB(B1) section

Difference the follwing parts in the parts list.

REF No.	PART No.	DESCRIPTION
BL101	880-2091L	AM/FM TUNER
IC402	052-3205-20	M30876MJB-A15GP
P402	076-3011-74	24P

Other parts are the same as the original service manual
page 7,8,9 and 10.

DIFFERENCE FROM ORIGINAL EXPLODED VIEW / PARTS LIST

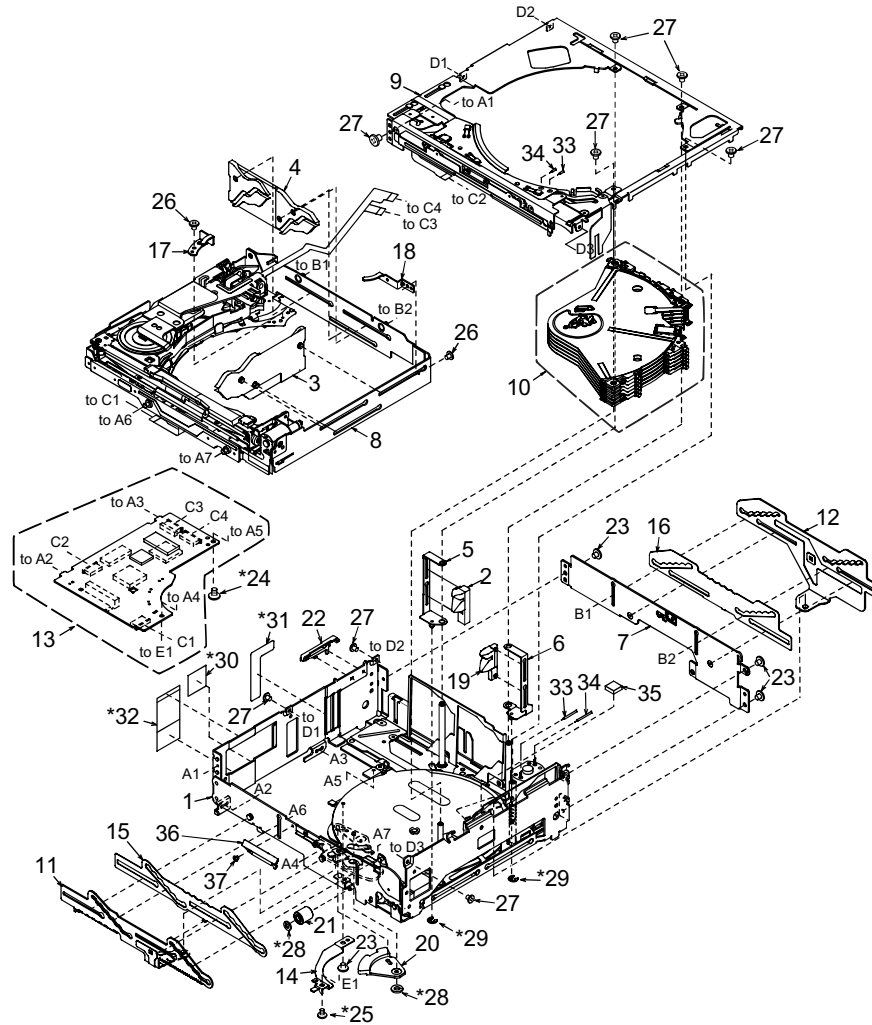
Main section

NO.	PART NO.	DESCRIPTION	Q'TY
1	940-8420-32	ESCUTCHEON ASSY	1
16	379-1399-50	INDICATOR (LCD)	1
22	880-2091L	TUNER PACK	1
37	929-0382-81	DIGITAL MECH	1
43	735-2614-1B	SCREW (M2.6x14)	2
45	714-2608-8B	MACHINE SCREW (M2.6x8)	7
46	276-0153-01	SET PLATE	1

Other parts are the same as the original service manual page 6 and 7.

EXPLODED VIEW/PARTS LIST

Main section

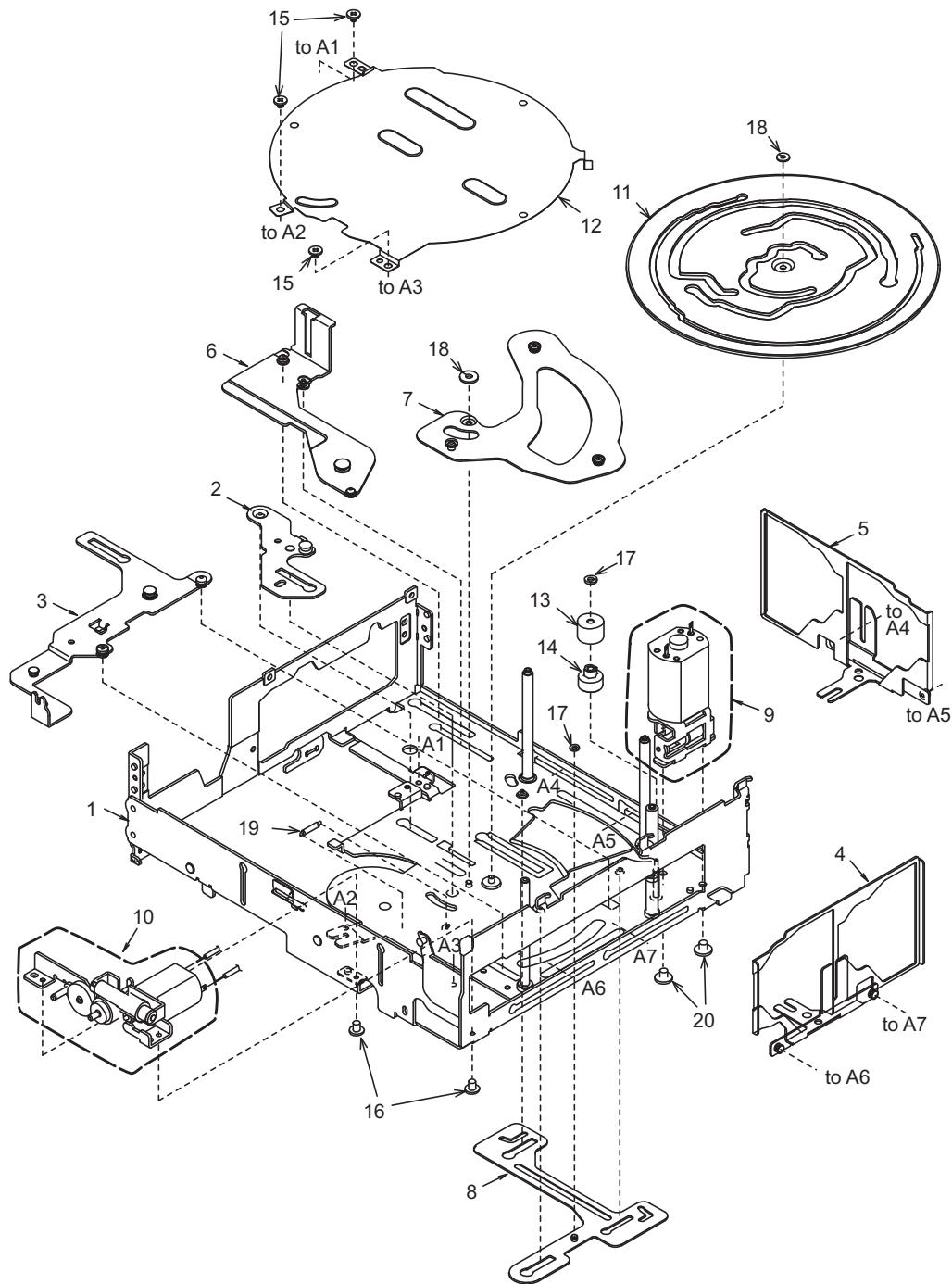


Note) When removed these parts(No.*24,*25,*28,*29,*30,*31,*32), please do not reuse the parts.

NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-585-200	LOWER UNIT ASSY	1
2	966-0667-21	DISC STP-ASSY L	1
3	HBS-584-100	DH-SEL-ASSY S	1
4	HBS-583-100	DH-SEL-ASSY R	1
5	966-0670-22	DS-SP-ASSY L	1
6	966-0671-23	DS-SP-ASSY R	1
7	966-0672-21	REAR-P-ASSY	1
8	966-1753-21	N-DRIVE-CH UNIT	1
9	966-1764-21	UPPRR UNIT ASSY	1
10	HBS-566-300	DISCHOLDER UNIT	1
11	966-1771-21	SLIDE-P-ASSY F	1
12	966-0709-21	SLIDE-P-ASSY R	1
13	HBS-598-100	CD-PWB-ASSY	1
14	620-1640-20	SW-H-PLATE	1
15	620-1778-20	GAP PLATE F	1
16	620-1662-21	GAP PLATE R	1
17	620-1685-21	DS-PLATE L	1
18	620-1686-20	DS-PLATE R	1
19	621-1634-23	DISC STOPPER R	1

NO.	PART NO.	DESCRIPTION	Q'TY
20	621-1636-24	SW LINK	1
21	621-1765-20	UD-GEAR-D	1
22	621-1715-20	FPC-STOPPER	1
23	716-1850-01	SCREW (M2.0x2.0)	4
24	716-1850-02	SCREW (M2.0x2.0)	1
25	716-1851-02	SCREW (M2.0x3.0)	1
26	716-3450-00	SCREW (M1.7x2.0)	2
27	716-3451-01	SCREW (M1.7x2.5)	8
28	746-0761-00	WASHER	2
29	744-0045-01	C-RING	2
30	347-7271-00	FPC SHEET	1
31	347-7275-00	PROTECT SHEET	1
32	347-7276-00	FPC-SHEET C	1
33	800-4921-60	VINYL-COAT WIRE	1
34	802-4921-60	VINYL-COAT WIRE	1
35	345-5824-00	RUBBER PART	1
36	621-1763-20	LOADING GUIDE B	1
37	716-1859-01	SCREW (M1.7x2.0)	1

Lower unit assy section

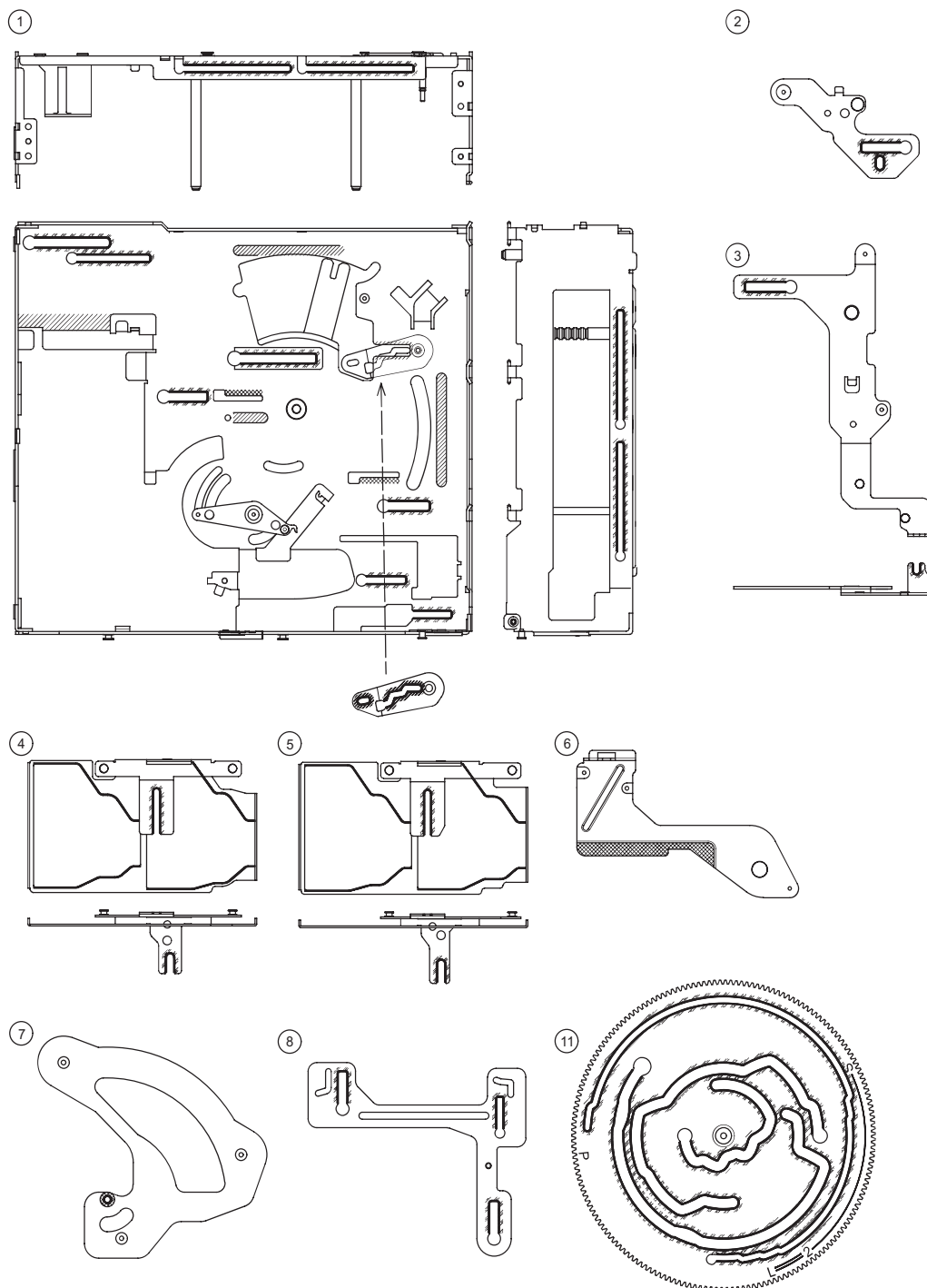


NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1757-25	LOWER-C-ASSY	1	11	620-1623-24	CAM GEAR	1
2	966-0658-22	DH-SP-ASSY A	1	12	620-1624-24	GEAR COVER	1
3	966-1758-20	DS-SP-ASSY A	1	13	621-0732-21	M-GEAR B	1
4	966-1808-00	DH-SP-ASSY S	1	14	621-0733-20	M-GEAR C	1
5	966-1809-20	DH-SP-ASSY R	1	15	716-1850-01	SCREW(M2.0x2.0)	3
6	966-0677-23	D-SHT PL-B-ASSY	1	16	716-3451-01	SCREW(M1.7x2.5)	2
7	966-0659-22	DH-SP-ASSY B	1	17	746-0761-00	WASHER	2
8	966-0666-22	DS-SP-ASSY B	1	18	746-0768-00	WASHER	2
9	HBS-546-100	M-MTR SUB ASSY	1	19	750-6756-20	SW-L-SPRING	1
10	HBS-568-100	UD-MOTOR-ASSY	1	20	716-1851-03	SCREW(M2.0x3.0)	2

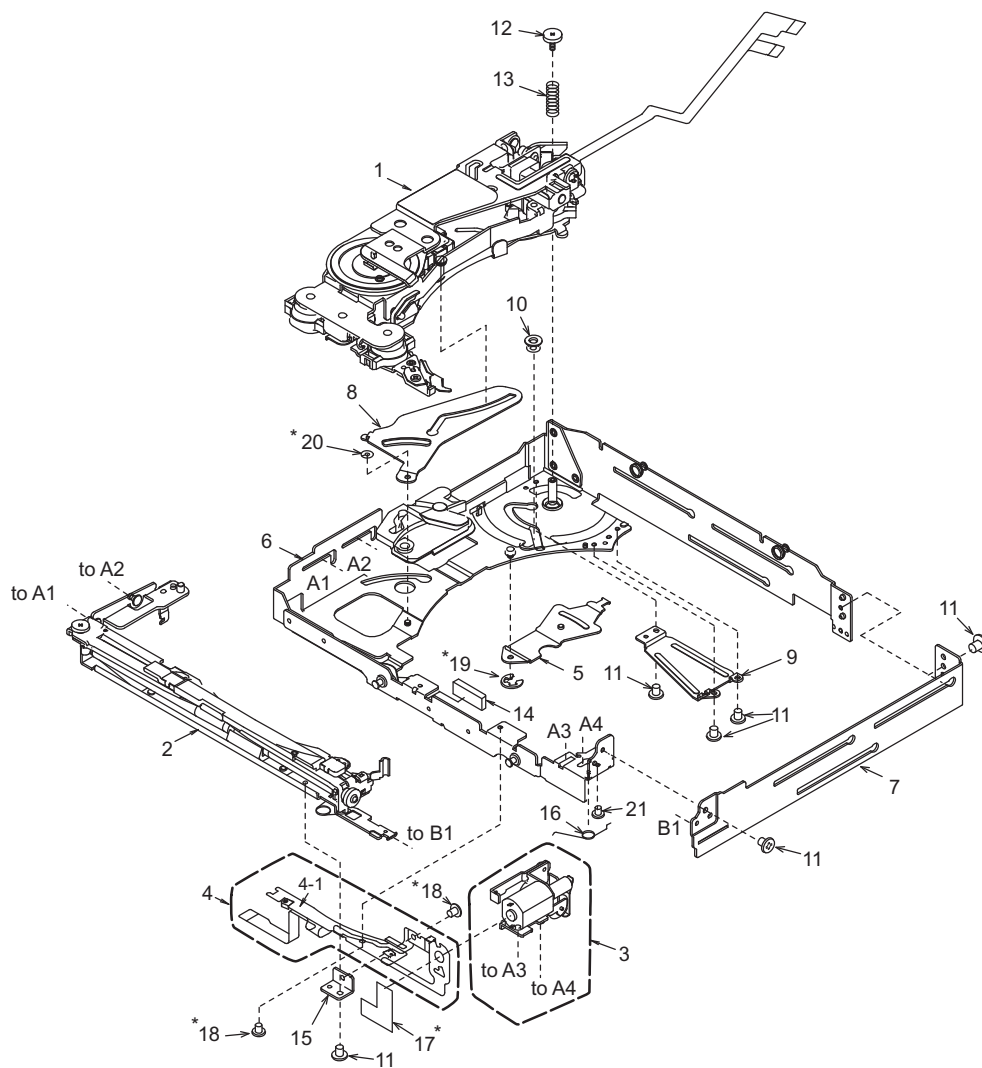
[Grease Point]

* Grease : SANKOL FG-87HSR

	Put grease on the surface	
	Put grease on the reverse side	
	Put grease on the both sides	
	Put grease on the edge	



N-Drive-CH unit section



Note) When removed these parts(No.*17,*18,*19,*20), please do not reuse the parts.

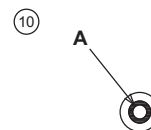
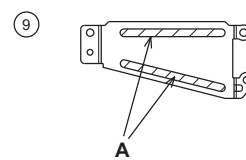
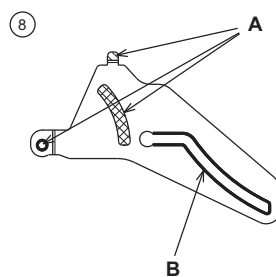
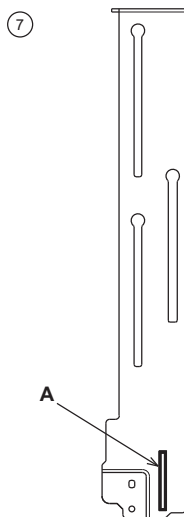
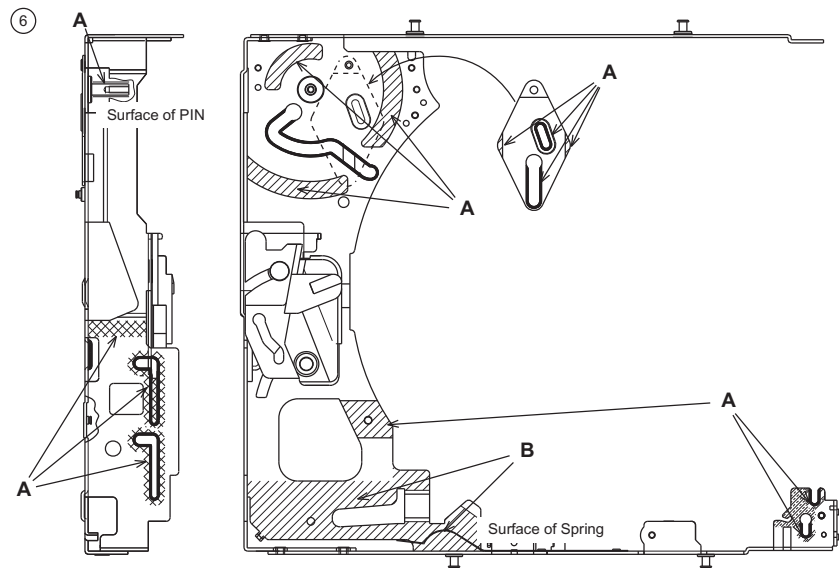
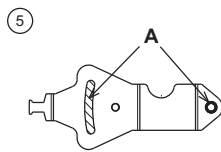
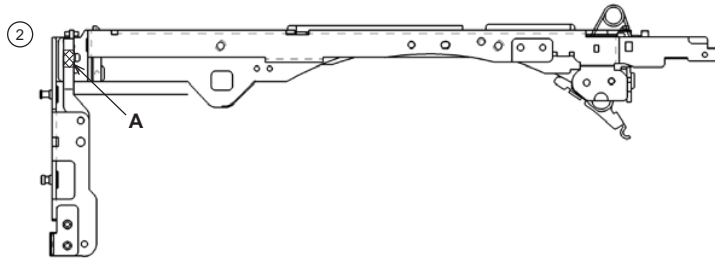
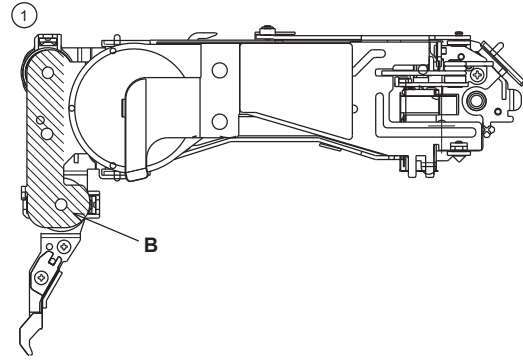
NO.	PART NO.	DESCRIPTION	Q'TY	NO.	PART NO.	DESCRIPTION	Q'TY
1	HBS-565-200	N-DRIVE UNIT	1	11	716-3450-00	SCREW(M1.7x2.0)	6
2	HBS-567-200	LOADING-U-ASSY	1	12	716-3459-01	SCREW(M1.7x2.0)	1
3	HBS-556-100	LO-MOTOR-S-ASSY	1	13	750-6761-20	DRIVE SPRING A	1
4	HBS-552-100	L-SENSOR-S-ASSY	1	14	345-5868-01	RUBBER PART	1
4-1	-----	SENSOR-L-FPC	1	15	620-1651-21	S-PWB-PLATE	1
5	966-0676-21	D-SHT LK-A-ASSY	1	16	750-6754-20	LO-ES-SPRING B	1
6	966-1755-22	DRIVE-CH A ASSY	1	17	345-5424-01	SEN-FPC GUIDE	1
7	620-1681-21	DRIVE CHASSIS B	1	18	716-1859-01	SCREW(M1.7x2.0)	2
8	620-1672-21	DR-SUPPORT-PL	1	19	744-0039-00	E-RING	1
9	620-1680-20	D-SHIFT COVER	1	20	746-0870-00	WASHER	1
10	622-1743-21	D-SHIFT ROLLER B	1	21	716-3538-00	SCREW(M1.7x2.0)	1

[Grease Point]

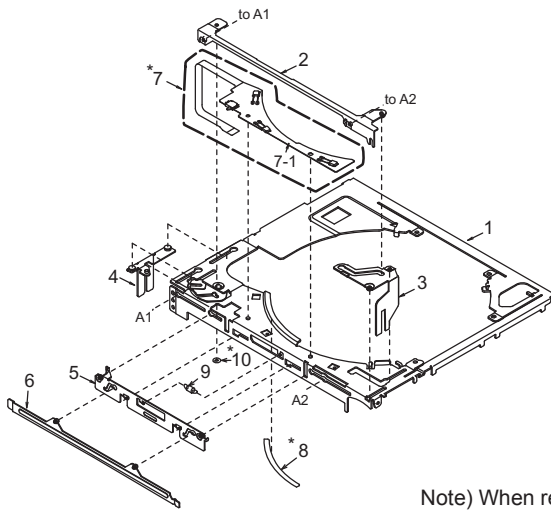
* Grease A : SANKOL FG-87HSR

* Grease B : SANKOL CFD-006MBL

	Put grease on the surface	
	Put grease on the reverse side	
	Put grease on the both sides	
	Put grease on the edge	



Upper unit assy section



NO.	PART NO.	DESCRIPTION	Q'TY
1	966-1761-21	UPPER-CHA-ASSY	1
2	966-1765-20	LO-SHIFT A ASSY	1
3	966-0700-22	LO-SHIFT B ASSY	1
4	966-0701-21	LO-SHIFT ASSY	1
5	966-1766-20	SHUTTER-PL-ASSY	1
6	966-1763-20	SHUTTER ASSY	1
7	HBS-553-200	U-SENSOR-S-ASSY	1
7-1	-----	SENSOR-U-FPC	1
8	347-7272-00	RATTLE SHEET	1
9	750-6755-21	SHUTTER SPRING	1
10	746-0870-00	WASHER	1

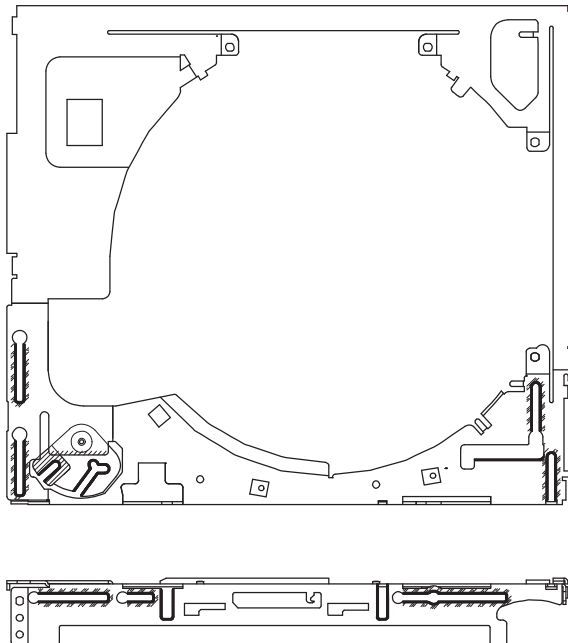
Note) When removed these parts(No.*7,*8,*10), please do not reuse the parts parts.

[Grease Point]

* Grease : SANKOL FG-87HSR

	Put grease on the surface	
	Put grease on the reverse side	
	Put grease on the both sides	
	Put grease on the edge	

①



②



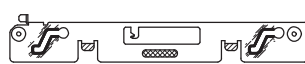
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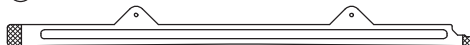
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⑤



⑥



ELECTRICAL PARTS LIST

CD PWB(BM1) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
C1	042-0672-00	25V 47uF TA	C82	166-1007-50	10pF CH	R16	119-0000-05	1/10W 0 ohm JW
C2	166-1011-50	100pF CH	C83	178-1052-78	1uF	R17	119-4731-15	1/10W 47k ohm
C3	168-1042-78	16V 0.1uF	C85	178-1052-78	1uF	R18	119-2231-15	1/10W 22k ohm
C4	178-1052-78	1uF	C86	166-1201-50	12pF CH	R19	119-2231-15	1/10W 22k ohm
C5	042-0671-01	10V 47uF TA	C87	042-1702-90	6.3V 100uF	R20	119-4721-15	1/10W 4.7k ohm
C6	168-1045-56	0.1uF Z	C88	168-1045-56	0.1uF Z	R21	119-4731-15	1/10W 47k ohm
C7	168-1032-55	0.01uF K	C89	168-1045-56	0.1uF Z	R22	119-4731-15	1/10W 47k ohm
C8	168-1045-56	0.1uF Z	C90	168-1045-56	0.1uF Z	R23	119-4731-15	1/10W 47k ohm
C9	178-1052-78	1uF	C91	168-1032-55	0.01uF Z	R24	050-0145-58	1/16W 2.2k ohm x4
C10	168-1045-56	0.1uF Z	CCT1	050-0145-59	1/16W 22 ohmx4	R25	119-4721-15	1/10W 4.7k ohm
C11	168-1045-56	0.1uF Z	CCT2	050-0145-54	1/16W 47k ohmx4	R26	119-4721-15	1/10W 4.7k ohm
C12	178-1052-78	1uF	CCT3	050-0145-54	1/16W 47k ohmx4	R27	119-2711-15	1/10W 270 ohm
C13	178-1052-78	1uF	CCT4	050-0145-55	1/16W 10k ohmx4	R28	116-3391-15	1/4W 3.3 ohm
C14	042-0671-01	10V 47uF TA	D1	001-0529-14	MA8030-L	R29	032-0145-73	1/2W 6.8 ohm
C15	168-2222-55	2200pF K	D1	001-4301-14	HZU3.0B1	R30	119-1041-15	1/10W 100k ohm
C16	168-1032-55	0.01uF K	D2	001-0367-91	1SS226	R31	119-6811-15	1/10W 680 ohm
C20	178-1052-78	1uF	D3	001-0529-16	MA8033-L	R32	119-1041-15	1/10W 100k ohm
C21	168-1042-78	16V 0.1uF	D3	001-4301-16	HZU3.3B1	R33	119-6811-15	1/10W 680 ohm
C22	178-1052-78	1uF	D4	001-0529-18	MA8036-L	R34	119-1041-15	1/10W 100k ohm
C23	168-1045-56	0.1uF Z	D4	001-4301-18	HZU3.6B1	R35	119-1511-15	1/10W 150 ohm
C24	042-0671-01	10V 47uF TA	D5	001-2612-90	RB520S	R36	119-1041-15	1/10W 100k ohm
C25	168-1042-78	16V 0.1uF	D6	001-2612-90	RB520S	R37	119-1041-15	1/10W 100k ohm
C26	168-1045-56	0.1uF Z	IC1	051-6399-00	TC94A15F	R38	119-3321-15	1/10W 3.3k ohm
C27	168-4732-78	0.047uF K	IC2	052-5071-20	TMP91CY22IFG-6NU5	R39	119-1051-15	1/10W 1M ohm
C28	166-4701-50	47pF CH	IC3	051-6711-30	TC94A34FG-007	R40	119-0000-05	1/10W 0 ohm JW
C29	168-4732-78	0.047uF K	IC4	051-6060-08	BD7961FM	R41	119-1041-15	1/10W 100k ohm
C30	166-4711-50	470pF CH	IC5	051-5445-08	BD5227G	R42	119-5621-15	1/10W 5.6k ohm
C31	168-1532-55	0.015uF K	IC6	051-9318-00	MSM51V17400F-60T3	R43	119-4731-15	1/10W 47k ohm
C32	166-4711-50	470pF CH	IC6	051-9318-10	GLT4160L04P-90TC	R44	119-2231-15	1/10W 22k ohm
C33	168-1045-56	0.1uF Z	IC8	051-9402-78	BR93L56RF	R45	119-8231-15	1/10W 82k ohm
C34	168-6822-55	6800pF K	IC9	051-6072-08	BD7931F	R46	119-3341-15	1/10W 330k ohm
C35	168-1032-55	0.01uF K	IC10	051-5833-00	GPISO93HCZ	R48	119-2231-15	1/10W 22k ohm
C38	168-3332-78	0.033uF K	IC11	051-3364-90	NJU7771	R49	116-1001-15	1/4W 10 ohm
C39	168-4722-55	4700pF K	IC12	051-3364-90	NJU7771	R50	119-1011-15	1/10W 100 ohm
C40	168-1042-78	16V 0.1uF	J1	074-1237-69	SOCKET(19PIN)	R51	119-6811-15	1/10W 680 ohm
C42	168-1045-56	0.1uF Z	J2	074-1201-65	SOCKET(15P)	R52	119-2711-15	1/10W 270 ohm
C43	168-1532-55	0.015uF K	J2	074-2001-65	SOCKET	R53	119-1511-15	1/10W 150 ohm
C44	168-1045-56	0.1uF Z	J3	074-1138-56	SOCKET(6P)	R54	119-1041-15	1/10W 100k ohm
C45	168-1522-55	1500pF K	J3	074-2009-56	SOCKET	R55	119-1041-15	1/10W 100k ohm
C46	168-1045-56	0.1uF Z	J4	074-1100-61	SOCKET(11P)	R56	119-1041-15	1/10W 100k ohm
C47	166-6811-50	68pF CH	J4	074-2002-61	SOCKET	R57	119-1041-15	1/10W 100k ohm
C48	168-6801-50	68pF CH	J5	074-1201-61	SOCKET(11P)	R58	119-1041-15	1/10W 100k ohm
C49	178-1052-78	1uF	J5	074-2001-61	SOCKET	R59	119-1511-15	1/10W 150 ohm
C50	042-0671-01	10V 47uF TA	Q1	060-0252-01	PT4850F	R60	119-4731-15	1/10W 47k ohm
C51	042-0671-01	10V 47uF TA	Q2	125-0021-91	DTA114EUA	R61	119-4731-15	1/10W 47k ohm
C52	178-1052-78	1uF	Q3	198-3018-00	2SK3018	R62	119-1051-15	1/10W 1M ohm
C53	168-1042-78	16V 0.1uF	Q6	131-1188-50	2SB1188PQR	R64	032-0140-62	1/10W 1.0k ohm F
C54	178-1052-78	1uF	Q7	125-2027-91	DTC114EUA	R65	119-2211-15	1/10W 220 ohm
C55	178-1052-78	1uF	Q8	131-1427-00	2SB1427	R66	032-0140-53	1/10W 2.2k ohm F
C56	042-0671-01	10V 47uF TA	Q9	131-1188-50	2SB1188	R71	119-1011-15	1/10W 100 ohm
C57	168-1042-78	16V 0.1uF	Q10	125-2027-91	DTC114EUA	R72	119-1011-15	1/10W 100 ohm
C59	168-1045-56	0.1uF Z	Q11	125-0021-91	DTA114EUA	R73	119-1011-15	1/10W 100 ohm
C60	178-1052-78	1uF	Q12	125-2027-91	DTC114EUA	R77	119-0000-05	1/10W 0 ohm JW
C61	168-1032-55	0.01uF Z	Q20	131-1427-00	2SB1427	R78	119-0000-05	1/10W 0 ohm JW
C62	168-1045-56	0.1uF Z	R1	119-4731-15	1/10W 47k ohm	R82	119-1011-15	1/10W 100 ohm
C63	168-1045-56	0.1uF Z	R2	119-2211-15	1/10W 220 ohm	R83	119-1031-15	1/10W 10k ohm
C64	168-1045-56	0.1uF Z	R3	119-2211-15	1/10W 220 ohm	R85	119-1021-15	1/10W 1k ohm
C65	168-1045-56	0.1uF Z	R4	119-1041-15	1/10W 100k ohm	R86	119-2231-15	1/10W 22k ohm
C66	168-1045-56	0.1uF Z	R6	119-2211-15	1/10W 220 ohm	S1	013-7416-50	SW SPVL10200
C67	168-1045-56	0.1uF Z	R7	119-0000-05	1/10W 0 ohm JW	S2	013-7416-50	SW SPVL10200
C68	168-1045-56	0.1uF Z	R8	119-2211-15	1/10W 220 ohm	S3	013-7416-50	SW SPVL10200
C70	168-1045-56	0.1uF Z	R9	119-0000-05	1/10W 0 ohm JW	S4	013-7415-50	SW SPVG10400
C71	168-1045-56	0.1uF Z	R12	119-2231-15	1/10W 22k ohm	X1	061-3534-90	16.92M
C72	168-1045-56	0.1uF Z	R13	119-4711-15	1/10W 470 ohm	X3	060-1545-90	20MHz
C73	178-1052-78	1uF	R14	119-2211-15	1/10W 220 ohm	PWB	039-2784-21	PWB(WITHOUT COMPONENTS)
C74	168-1045-56	0.1uF Z	R15	119-1031-15	1/10W 10k ohm			
C75	168-2222-55	2200pF K						
C81	166-1007-50	10pF CH						

Sensor-L-PFC(BM2) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
PT1	060-0252-01	PT14850F	PWB	039-2467-21	PWB(WITHOUT COMPONENTS)
PT2	060-0252-01	PT14850F			
PT3	051-5833-00	GPISO93HCZ			

Sensor-U-PFC(BM3) section

REF No.	PART No.	DESCRIPTION	REF No.	PART No.	DESCRIPTION
LED1	001-7077-00	GL4804	S5	013-7417-50	ABC1122P161
LED2	001-7077-00	GL4804	PWB	039-2466-20	PWB(WITHOUT COMPONENTS)
LED3	001-7077-00	GL4804			

BLOCK DIAGRAM

