

EXPLODED VIEWS AND PARTS LIST

PACKING (Page 54)

PACKING SECTION PARTS LIST

*: Non spare part

Mark	No.	Description	AVH-200EX/XNUC	AVH-220EX/XNUC	AVH-221EX/XNUC
	3	Microphone Assy (3 m)	CPM1111	CPM1113	CPM1113
	8	Unit Box	CHG9501	QHG4715	QHG4716
	9	Contain Box	CHL9501	QHL4715	QHL4716
	10-1	Owner's Manual	See Contents of Web IM (3)	See Contents of Web IM	See Contents of Web IM
	10-3	Quick Start Guide	CRD5059	QRD3825	QRD3825
	10-4	Installation Manual	CRD5060	QRD3830	QRD3830
	16	Card Remote Control Unit	Not used	Not used	CXE5116

Quick Start Guide, Installation Manual

Part No.	Language
QRD3825	English, French, Spanish (Espanol)
QRD3830	English, French, Spanish (Espanol)

CONTENTS OF Web IM

Part No.	Language
*OPM_AVH220EXUC_EN_A	English
*OPM_AVH220EXUC_FR_A	French
*OPM_AVH220EXUC_ES_A	Spanish (Espanol)

Above operation manuals are supplied in PDF files by the WEB.

Regarding the availability of paper manual, contact Pioneer Service representative in your region.

EXTERIOR (1) (Page 58)

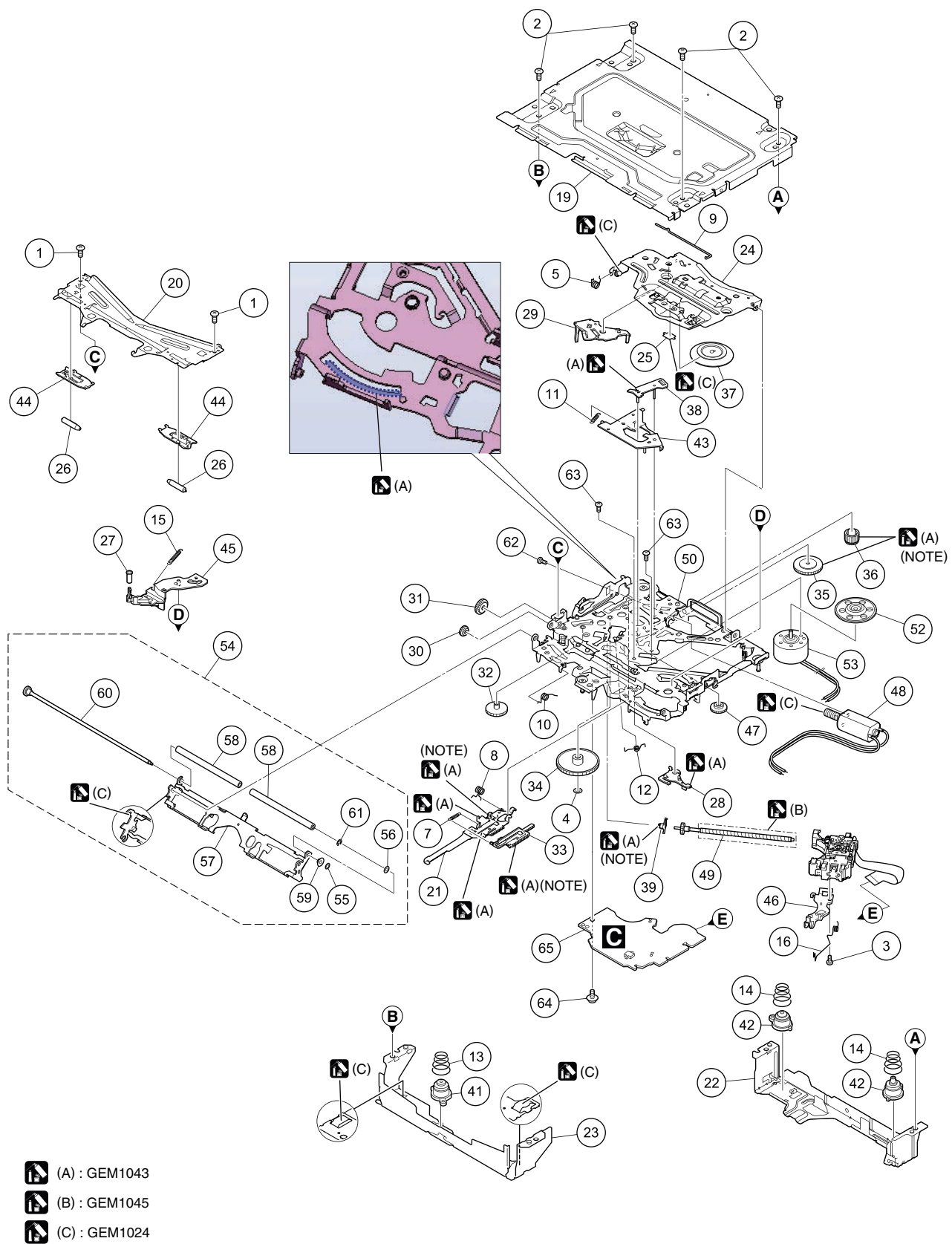
EXTERIOR (1) SECTION PARTS LIST

Mark	No.	Description	AVH-200EX/XNUC	AVH-220EX/XNUC	AVH-221EX/XNUC
	1	Grille Assy	CXF1500	QXA6409	QXA6410
	2	Grille	CNU3978	QNS4489	QNS4490
	6	Monitor Key Unit	CWF2546	QWM5472	QWM5472
	8	Lighting Conductor	CNW3936	CNW4109	CNW4109
	12	Inspected TFT LCD Unit	CWX4937	CWX5000 (TFT LCD)	CWX5000 (TFT LCD)
	25	DVD Mechanism Module (LS2.5)	CXK8200	CXK8301	CXK8301

EXTERIOR (2) (Page 60)

EXTERIOR (2) SECTION PARTS LIST

Mark	No.	Description	AVH-200EX/XNUC	AVH-220EX/XNUC	AVH-221EX/XNUC
	1	Mother Unit	CWF2508	QWM5454	QWM5455
	10	Heat Conduction Sheet	CNN5528	CNN5729	CNN5729
	12	Card Remote Control Unit	Not used	Not used	CXE5116
	13	Battery Cover	Not used	Not used	CNU1624



DVD MECHANISM MODULE (1) SECTION PARTS LIST

	<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>		<u>Mark No.</u>	<u>Description</u>	<u>Part No.</u>
A	1	Screw	BSZ20P040FTC		50	Chassis Unit	CXF1980
	2	Screw	BSZ26P060FTC				
	3	Screw (M2 x 4)	CBA1835		51	*****	
	4	Washer	CBF1038	*	52	Support Wheel	CNW2052
	5	Spring	CBH2855	*	53	Spindle Motor	EXM5003
					54	Arm Assy	CXF1981
	6	*****			55	Washer	CBF1037
	7	Spring	CBH3010				
	8	Spring	CBH3011		56	Washer	CBF1038
	9	Spring	CBH3014		57	Arm	CND8039
B	10	Spring	CBH3015		58	Roller	CNW2500
					59	Collar	CNW2444
	11	Spring	CBH3016		60	Gear Unit	CXE8952
	12	Spring	CBH3017				
	13	Spring	CBH3018		61	E Ring	YE15FTC
	14	Spring	CBH3019		62	Screw	JFZ20P025FTC
	15	Coil Spring	CBH3095		63	Screw	JGZ17P020FTC
					64	Screw (M2 x 5)	EBA1028
	16	Torsion Spring	CBH3096	*	65	Relay Unit (LS2.5BAEVE)	CWX4952
	17	*****					
C	18	*****					
	19	Case	CNB4062				
	20	Bracket	CND8007				
	21	Lever	CND7225				
	22	Bracket	CND8006				
	23	Bracket	CND8005				
	24	Arm	CND7224				
	25	Sheet	CNN3678				
D	26	Roller	CNW1172				
	27	Roller	CNW1175				
	28	Arm	CNW1177				
	29	Arm	CNW4016				
	30	Gear	CNW1180				
	31	Gear	CNW1181				
	32	Gear	CNW1183				
	33	Rack	CNW1184				
	34	Gear	CNW1185				
E	35	Gear	CNW1186				
	36	Gear	CNW1187				
	37	Clamper	CNW1190				
	38	Arm	CNW1192				
	39	Holder	CNW1193				
	40	*****					
	41	Damper	CNW1197				
	42	Damper	CNW1198				
F	43	Arm	CNW1726				
	44	Holder	CNW4002				
	45	Arm	CNW2241				
	46	Rack	CNW2265				
	47	Gear	CNW2287				
	48	Motor Unit	CXF1847				
	49	Screw Unit	CXC8894				

Pickup, Spindle Motor and Support Wheel are not available as service parts, because they need adjustment by special equipment after replacing.

ELECTRICAL PARTS LIST (Page 95)

NOTE:

- Parts whose parts numbers are omitted are subject to being not supplied.
- The part numbers shown below indicate chip components.

Chip Resistor

RS1/○S○○○○J,RS1/○○S○○○J

Chip Capacitor (except for CQS.....)

CKS....., CCS....., CSZS.....

- Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.
- The △ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.
- The expression of the unit in this manual is shown by u instead of μ. Please do not make a mistake.

Circuit Symbol and No.

Part No.

Circuit Symbol and No.

Part No.

CF

Unit Number : NSP

Unit Name : Relay Unit

VR 101 SMD Semi Fixed VR 6.8 kohm (B) CCP1661
VR 102 SMD Semi Fixed VR 15 kohm (B) CCP1573
CN 101 FFC/FPC Connector CKS6776
CN 102 Connector CKS6025

MISCELLANEOUS

S 101 Lever Switch CSN1090
S 102 Lever Switch CSN1089

RESISTORS

R 101 RS1/10SR822J
R 102 RS1/10SR0R0J

MOTHER UNIT

Circuit Symbol and No.	Part Name	AVH-200EX/XNUC	AVH-220EX/XNUC	AVH-221EX/XNUC
IC1011	Flash ROM Unit	CVQ1112	CVQ1312	CVQ1312
IC1041	Disc PRO SYS LSI	SPHE8288TQ-HLEK8	SPHE8288TQ-M	SPHE8288TQ-M
D1	Diode	S1JP	D1F60-5053	D1F60-5053
D2	Diode	S1JP	D1F60-5053	D1F60-5053
D11	Diode	RB080L-30	RB080LAM-30TF (Schottky Diode)	RB080LAM-30TF (Schottky Diode)
D401	Diode	RB080L-30	RB080LAM-30TF (Schottky Diode)	RB080LAM-30TF (Schottky Diode)
D501	Diode	RB080L-30	RB080LAM-30TF (Schottky Diode)	RB080LAM-30TF (Schottky Diode)
D514	Diode	S1JP	D1F60-5053	D1F60-5053
D551	Diode	S1JP	D1F60-5053	D1F60-5053
D552	Diode	S1JP	D1F60-5053	D1F60-5053
X701	Crystal Resonator 12.500 MHz	CSS1839	Not used	Not used
X1041	Crystal Oscillator 27.000 MHz	ASS7123	Not used	Not used
X8401	Crystal Resonator 9.216 MHz	CSS1888	Not used	Not used
VL8401	Variable Coil	CTC1215	Not used	Not used
R762		Not used	Not used	RS1/16SS104J
R763		RS1/16SS104J	RS1/16SS104J	Not used
R1053		RS1/16SS101J	Not used	Not used
R1054		RS1/16SS101J	Not used	Not used

MONITOR KEY UNIT

Circuit Symbol and No.	Part Name	AVH-200EX/XNUC	AVH-220EX/XNUC	AVH-221EX/XNUC
IC2201	IR RC REC Module	PNJ4833M	SIR8440B5	SIR8440B5
D2101		RB162M-40	RB162MM-40TF	RB162MM-40TF
R2001	Schottky Diode	XRS1/16SS680J	RS1/16SS680J	RS1/16SS680J
R2002		XRS1/16SS820J	RS1/16SS820J	RS1/16SS820J
R2004		XRS1/16SS680J	RS1/16SS680J	RS1/16SS680J
R2005		XRS1/16SS680J	RS1/16SS680J	RS1/16SS680J
R2007		XRS1/16SS680J	RS1/16SS680J	RS1/16SS680J
R2008		XRS1/16SS680J	RS1/16SS680J	RS1/16SS680J
R2010		XRS1/16SS332J	RS1/16SS332J	RS1/16SS332J
R2011		XRS1/16SS272J	RS1/16SS272J	RS1/16SS272J
R2012		XRS1/16SS332J	RS1/16SS332J	RS1/16SS332J
R2017		XRS1/16SS183J	RS1/16SS183J	RS1/16SS183J
R2103		XRS1/16SS105J	RS1/16SS105J	RS1/16SS105J
R2105		XRS1/16SS154J	RS1/16SS154J	RS1/16SS154J
R2109		XRS1/16SS102J	RS1/16SS102J	RS1/16SS102J
R2110		XRS1/16SS102J	RS1/16SS102J	RS1/16SS102J
R2111		XRS1/16SS3302D	RS1/16SS3302D	RS1/16SS3302D
R2112		XRS1/16SS3301D	RS1/16SS3301D	RS1/16SS3301D
R2113		XRS1/16SS104J	RS1/16SS104J	RS1/16SS104J
R2114		XRS1/16SS104J	RS1/16SS104J	RS1/16SS104J
R2115		XRS1/16SS223J	RS1/16SS223J	RS1/16SS223J
R2117		XRS1/16SS563J	RS1/16SS563J	RS1/16SS563J
R2118		XRS1/16SS104J	RS1/16SS104J	RS1/16SS104J
R2201		XRS1/16SS470J	RS1/16SS101J	RS1/16SS101J
R2202		XRS1/16SS392J	RS1/16SS392J	RS1/16SS392J
R2203		XRS1/16SS472J	RS1/16SS472J	RS1/16SS472J
R2204		XRS1/16SS123J	RS1/16SS123J	RS1/16SS123J
R2205		XRS1/16SS182J	RS1/16SS182J	RS1/16SS182J
R2206		XRS1/16SS222J	RS1/16SS222J	RS1/16SS222J
R2207		XRS1/16SS472J	RS1/16SS472J	RS1/16SS472J

The mounting positions of the additional parts are described in the circuit diagram and PCB diagram of the parent manual.