

Pioneer

Service Manual

ORDER NO.
RRV2229

DVD PLAYER

DV-525

THIS MANUAL IS APPLICABLE TO THE FOLLOWING MODEL(S) AND TYPE(S).

Type	Model	Power Requirement	Region No.	The voltage can be converted by the following method.
	DV-525			
RLXJ/NC	○	AC110-127/220-240V	3	Automatic select
RPWXJ	○	AC110-127/220-240V	4	Automatic select

● **This service manual should be used together with the following manual(s):**

Model No.	Order No.	Remarks
DV-525/KU	RRV2158	

1. CONTRAST OF MISCELLANEOUS PARTS

NOTES : ● Parts marked by “NSP” are generally unavailable because they are not in our Master Spare Parts List.

● The \triangle 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.

● Reference Nos. indicate the pages and Nos. in the service manual for the base model.

● When ordering resistors, first convert resistance values into code form as shown in the following examples.

Ex. 1 When there are 2 effective digits (any digit apart from 0), such as 560 ohm and 47k ohm (tolerance is shown by $J = 5\%$, and $K = 10\%$).

$560 \Omega \rightarrow 56 \times 10^1 \rightarrow 561 \dots\dots\dots RD1/4PU \begin{array}{|c|c|c|} \hline 5 & 6 & 1 \\ \hline \end{array} J$

$47k \Omega \rightarrow 47 \times 10^3 \rightarrow 473 \dots\dots\dots RD1/4PU \begin{array}{|c|c|c|} \hline 4 & 7 & 3 \\ \hline \end{array} J$

$0.5 \Omega \rightarrow R50 \dots\dots\dots RN2H \begin{array}{|c|c|c|} \hline R & 5 & 0 \\ \hline \end{array} K$

$1 \Omega \rightarrow 1R0 \dots\dots\dots RS1P \begin{array}{|c|c|c|} \hline 1 & R & 0 \\ \hline \end{array} K$

Ex. 2 When there are 3 effective digits (such as in high precision metal film resistors).

$5.62k \Omega \rightarrow 562 \times 10^1 \rightarrow 5621 \dots\dots\dots RN1/4PC \begin{array}{|c|c|c|c|c|} \hline 5 & 6 & 2 & 1 & \\ \hline \end{array} F$

■ CONTRAST TABLE

DV-525/RLXJ/NC, RPWXJ and KU are constructed the same except for the following:

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			KU type	RLXJ/NC type	RPWXJ type	
		PCB ASSEMBLIES				
P9 - 2	NSP	JKSB ASSY	Not used	VWM1952	VWM1952	*1
P9 - 3	NSP	└ AVJB ASSY	VWV1693	VWV1696	VWV1696	
		└ MSWB ASSY	Not used	VWG2106	VWG2106	
P7 - 1	NSP	FLKB ASSY	VWM1912	VWM1914	VWM1914	*1
P7 - 2	NSP	└ FLKY ASSY	VWG2050	VWG2104	VWG2104	
		└ PWSB ASSY	VWG2103	VWG2135	VWG2135	
P9 - 4	\triangle	POWER SUPPLY ASSY	VWR1311	VWR1313	VWR1313	*1
		PACKING				
P5 - 1		Audio Cord	VDE1033	VDE1052	VDE1052	
P5 - 2		Video Cord	VDE1034	VDE1053	VDE1053	
P5 - 3		Remote Control Unit (CU-DV049)	VXX2643	Not used	Not used	
P5 - 3		Remote Control Unit (CU-DV042)	Not used	VXX2636	VXX2636	
P5 - 7		Packing Case	VHG1800	VHG1809	VHG1880	
P5 -10	NSP	Warranty Card	ARY7023	Not used	Not used	
P5 -11		Operating Instructions (English)	VRB1220	VRB1224	VRB1224	
P5 -18	\triangle	Power Cord	Not used	XDG3001	ADG1154	
P5 -23	NSP	Label	VRW1629	Not used	Not used	
		Operating Instructions (Trad-Chinese)	Not used	VRC1091	Not used	
		EXTERIOR SECTION				
P6 - 1		Bonnet S	VXX2651	VXX2652	VXX2651	
P6 - 2		Tray Panel	VNK4448	VNK4445	VNK4448	
P6 - 4		Power Botton	Not used	VNK4159	VNK4184	
P6 - 5		Power Botton Joint	Not used	VNK4179	VNK4179	
P6 - 6		Tray	VNL1731	VNK4569	VNK4570	
P6 -11		Screw	BCZ40P060FZK	BCZ40P060FNI	BCZ40P060FZK	
P6 -17		65 Label	ARW7050	Not used	Not used	

Ref. No.	Mark	Symbol and Description	Part No.			Remarks
			KU type	RLXJ/NC type	RPWXJ type	
		FRONT PANEL SECTION				
P7 - 3		Flexible Cable (14P)	VDA1724	VDA1744	VDA1744	
P7 - 4		Flexible Cable (09P)	VDA1725	VDA1746	VDA1746	
P7 - 5		Front Panel	VNK4444	VNK4459	VNK4443	
P7 - 6		FL Lens	VEC2095	VEC2094	VEC2094	
P7 - 7		Name Plate	PAM1776	PAM1779	PAM1776	
P7 - 8		PW Button (POWER)	VNK4101	Not used	Not used	
P7 - 9		Main Key	VNK4447	VNK4446	VNK4447	
P7 -11		LED Lens	Not used	PNW2019	PNW2019	
		BOTTOM VIEW SECTION				
P9 - 8	⚠	AC Power Cord	ADG7024	Not used	Not used	
P9 - 9		Flexible Cable (12P)	VDA1692	VDA1749	VDA1749	
P9 -10		Flexible Cable (26P)	VDA1689	VDA1742	VDA1742	
P9 -11		Flexible Cable (33P)	VDA1723	VDA1743	VDA1743	
P9 -15		Cord Stopper	CM-22C	Not used	Not used	
P9 -16		NSP	Base Chassis	VNA2063	VNA2085	VNA2085
P9 -17		Rear Panel	VNA2080	VNA2075	VNA2156	
P9 -24	NSP	PC Support	Not used	VEC1584	VEC1584	
P9 -25	NSP	Label	VRW1629	Not used	Not used	
		LOADING MECHANISM ASSY				
P10 - 6		Loading Base	VNL1844	VNL1854	VNL1854	
P10 -15		Connector Assy	VKP2198	VKP2218	VKP2218	
P10 -21		Flexible Cable (24P)	VDA1701	VDA1748	VDA1748	
P10 -22		Cushion	VEB1312	Not used	Not used	

*1: These assemblies are used for DV-525/WY. Refer to the service manual RRV2158.

■ CONTRAST OF PCB ASSEMBLIES

F AVJB ASSY

VWV1696 and VWV1693 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		VWV1693	VWV1696	
	IC206	NJM78L05A	Not used	
	IC502	Not used	TA7302P	*1
	Q501, Q502	Not used	2PB709A	*1
	Q503	Not used	DTC114YK	*1
	Q504	Not used	PDTA124EK	*1
	S451	Not used	VSH1020	*1
	L201 (W225)	(Jumper Wire)	LAU220J	
	L501	Not used	LCTA470J2520	*1
	C290	CKSQYF104Z25	Not used	
	C501	Not used	CCSQCH390J50	*1
	C502, C510	Not used	CKSQYF103Z25	*1
	C503, C504, C507, C511	Not used	CKSQYF104Z25	*1
	C508	Not used	CEAT101M10	*1
	R290, R291	RS1/10S220J	Not used	
	R292	RS1/10S6R8J	Not used	
	R452	Not used	RS1/10S153J	*1
	R453, R505	Not used	RS1/10S103J	*1
	R455, R570	RS1/10S0R0J	Not used	
	R456	Not used	RS1/10S0R0J	*1
	R501	Not used	RS1/10S681J	*1
	R502	RS1/10S0R0J	RS1/10SC68R0D	
	R503	Not used	RS1/10S152J	*1
	R504	Not used	RS1/10S181J	*1
	R506, R507	Not used	RS1/10S222J	*1
	R508	Not used	RS1/10S223J	*1
	PCB BOARD AVJB	VNP1717	Not used	

*1: These parts are used for DV-525/WY. Refer to the service manual RRV2158.

G FLKY ASSY

VWG2104 and VWG2050 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		VWG2050	VWG2104	
	C102	Not used	CEJA220M6R3	*1
	R118–R120	RS1/10S390J	RS1/10S150J	
	R141	RS1/10S622J	RS1/10S273J	
	R143	RS1/10S363J	RS1/10S683J	
	R147, R148	Not used	RS1/10S0R0J	*1
	R149	RS1/10S0R0J	Not used	
	R190–R192	Not used	RS1/10S391J	*1
	V101 FL TUBE	VAW1053	VAW1046	
	FL HOLDER	VNF1087	VNF1096	

*1: These parts are used for DV-525/WY. Refer to the service manual RRV2158.

H PWSB ASSY

VWG2135 and VWG2103 are constructed the same except for the following:

Mark	Symbol and Description	Part No.		Remarks
		VWG2103	VWG2135	
	Q201	Not used	DTA124EK	*1
	D201	Not used	SLR-343VC	*1
	D202	Not used	SLR-343YC	*1
	S201	ASG7013	Not used	
	S202	Not used	ASG7013	*1
	R203	Not used	RS1/10S751J	*1
	R210	Not used	RS1/10S221J	*1
	R213, R214	Not used	RS1/10S0R0J	*1

*1: These parts are used for DV-525/WY. Refer to the service manual RRV2158.