

JVC

SERVICE MANUAL

COLOUR TELEVISION

BASIC CHASSIS

JK

AV-28WFT1EPG/A / AV-28WFT1EPS/A AV-28WFT1EIS/A / AV-28WFT1EKS/A

Supplementary

The following items for the A models were changed from those of the B models. Therefore, this service manual describes only the items which differ from those of the B service manual. For details other than those described in this manual, please refer to the B service manual(No.51694, Feb. 2000).

MODEL DIFFERENCE

A Model	B Model
AV-28WFT1EPG/A / AV-28WFT1EPS/A AV-28WFT1EIS/A / AV-28WFT1EKS/A	AV-28WFT1EPG / AV-28WFT1EPS AV-28WFT1EIS / AV-28WFT1EKS

HOW TO IDENTIFY MODELS

While referring to the illustration given below, identify model name on the rating label affixed to the rear cover.

		AV-28WFT1EPG/A AV-28WFT1EPS/A	AV-28WFT1EIS/A	AV-28WFT1EKS/A
▲	Rating label	LC20780-001A-U LC20780-002A-U	LC20080-016A-U	LC20091-028A-U
		<p>AV-28WFT1EPG AV-28WFT1EPS</p> <p>Indicated "A"</p>	<p>AV-28WFT1EIS</p> <p>Indicated "A"</p>	<p>AV-28WFT1EKS</p> <p>Indicated "A"</p>

AV-28WFT1EPG
 AV-28WFT1EPS
 AV-28WFT1EIS
 AV-28WFT1EKS

CHANGED ITEMS

USING PW BOARD DIFFERENCE TABLE (Page 38)

Model PWB ASS'y	AV-28WFT1EPG AV-28WFT1EPS AV-28WFT1EIS No.51694	AV-28WFT1EPG/A AV-28WFT1EPS/A AV-28WFT1EIS/A No.51694D	AV-28WFT1EKS No.51694	AV-28WFT1EKS/A No.51694D
MAIN PWB	SJK-1702A-U2	SJK-1703A-U2	SJK-1902A-U2	SJK-1905A-U2
POWER & DEF. PWB	SJK-2502A-U2	SJK-2506A-U2	SJK-2502A-U2	SJK-2506A-U2
CRT SOCKET PWB	SJK-3502A-U2	SJK-3503A-U2	SJK-3502A-U2	SJK-3503A-U2
FRONT CONTOROL PWB	SJK-8502A-U2	SJK-8505A-U2	SJK-8502A-U2	SJK-8505A-U2
AV SEL. PWB	SJK0S701A-U2	SJK0S703A-U2	SJK0S901A-U2	SJK0S904A-U2

PARTS DIFFERENCE TABLE

MODEL No.	AV-28WFT1EPG AV-28WFT1EPS AV-28WFT1EIS AV-28WFT1EKS No.51694	AV-28WFX1EPG/A AV-28WFT1EPS/A AV-28WFT1EIS/A AV-28WFT1EKS/A No.51694D	PARTS NAME	DESCRIPTION
△	REF. No.	PARTS No.	PARTS No.	
EXPLODED VIEW PARTS LIST (Page 40)				
△	L01	QQW0070-001	QQW0100-001	DEG COIL Not interchangeable
△	L03	CELD904-001	—————	ROTATION COIL Delete
△	V01	W66ERF031X013	W66QDE891X923	CRT(ITC) Not interchangeable
△	T2551	QQH0065-002-I2	QQH0089-002-I2	FBT ↑
△	6	QNZ0407-002	QNZ0369-003	ANODE WIRE ↑
△	11	LC20542-003A-U (AV-28WFT1EPG)	LC20780-001A-U (AV-28WFT1EPG/A)	RATING LABEL ↑
△	11	LC20542-004A-U (AV-28WFT1EPS)	LC20780-002A-U (AV-28WFT1EPS/A)	RATING LABEL ↑
△	11	LC20542-007A-U (AV-28WFT1EIS)	LC20080-016A-U (AV-28WFT1EIS/A)	RATING LABEL ↑
△	11	LC20542-007A-U (AV-28WFT1EKS)	LC20091-028A-U (AV-28WFT1EKS/A)	RATING LABEL ↑
△	100	LC10662-005A-U (AV-28WFT1EPG)	LC10662-005B-U (AV-28WFT1EPG/A)	FRONT CABINET ASSY ↑
△	100	LC10662-006A-U (AV-28WFT1EPS/EIS)	LC10662-006C-U (AV-28WFT1EPS/A/EIS/A)	FRONT CABINET ASSY ↑
△	100	LC10662-003C-U (AV-28WFT1EKS)	LC10662-006C-U (AV-28WFT1EKS/A)	FRONT CABINET ASSY ↑
PACKING PARTS LIST (Page 57)				
		—————	LCT0931-001A-U	INST SHEET Addition

PARTS DIFFERENCE TABLE

AV-28WFT1EPG/A / AV-28WFT1EPS/A / AV-28WFT1EIS/A					
PRINTED WIRING BOARD PARTS LIST					
MAIN PW BOARD ASS'Y (Page 43)					
PW BOARD No.		SJK-1702A-U2	SJK-1703A-U2	PARTS NAME	DESCRIPTION
△	Symbol No.	PARTS No.	PARTS No.		
	C1726	NDC21HJ-391X	NDC21HJ-821X	C CAP.	820Pf 50V J
AV-28WFT1EKS/A					
PRINTED WIRING BOARD PARTS LIST					
MAIN PW BOARD ASS'Y (Page 52)					
PW BOARD No.		SJK-1902A-U2	SJK-1905A-U2	PARTS NAME	DESCRIPTION
△	Symbol No.	PARTS No.	PARTS No.		
	C1726	NDC21HJ-391X	NDC21HJ-821X	C CAP.	820pF 50V J
AV-28WFT1EPG/A / AV-28WFT1EPS/A / AV-28WFT1EIS/A / AV-28WFT1EKS/A					
POWER & DEF. PW BOARD ASS'Y (Page 45~46) (1/2)					
PW BOARD No.		SJK-2502A-U2	SJK-2506A-U2	PARTS NAME	DESCRIPTION
△	Symbol No.	PARTS No.	PARTS No.		
	R2403	QRE141J-332Y	QRA14CF-3091Y	CR	3.09kΩ 1/4W F
	R2414	QRE121J-3R9Y	QRE121J-100Y	CR	10Ω 1/2W J
	R2467	QRG039J-120	QRL039J-330	OM R	33Ω 3W J
	R2551	QRT039J-3R3	QRT039J-1R5	MF R	1.5Ω 3W J
	R2552	QRT039J-3R3	QRT039J-1R5	MF R	1.5Ω 3W J
△	R2554	QRZ9021-1R5	QRZ9022-R47	FR	0.47Ω 1W J
△	R2556	QRZ9011-4R7	————	FUSI. RESISTER	Delete
△	R2557	QRZ9021-100	————	FUSI. RESISTER	Delete
	C2461	QETN2AM-475Z	QEZ0195-475Z	E CAP.	4.7μF 50V M
△	C2521	QFZ0200-352	QFZ0200-282	MPP CAP.	2800pF 1.5kVH ±3%
△	C2523	QFP32GJ-223	QFP32GJ-183	PP CAP.	0.018μF 400V J
	C2524	QFM72DK-104	QFM72DK-563	M CAP.	0.056MF 200V K
	C2525	QFZ0199-354	————	MPP CAP.	Delete
	C2526	QFZ0199-254	QFZ0197-304	MPP CAP.	0.3μF 250V J
	C2527	QEHR2EM-475Z	QEHR2EM-475Z	E CAP	4.7μF 250V M
	C2528	QFZ0199-683	————	MPP CAP.	Delete
	C2529	QFZ0199-104	QFZ0197-473	MPP CAP.	0.047μF 250V J
	C2532	QFZ0199-334	————	MPP CAP.	Delete
	C2542	QFZ0199-204	QFZ0197-434	MPP CAP.	0.43μF 250V J
	C2543	QFZ0199-154	QFZ0197-184	MPP CAP.	0.18μF 250V J
	C2561	QFLC1HJ-683Z	QFV71HJ-184Z	M CAP	0.18μF 50V J
	C2566	QFZ0117-1002	————	MPP CAP	Delete

POWER & DEF. PW BOARD ASS'Y(Page 45~46) (2/2)				
PW BOARD No.	SJK-2502A-U2	SJK-2506A-U2	PARTS NAME	DESCRIPTION
△ Symbol No.	PARTS No.	PARTS No.		
	T2521	CE42549-001J1	————	BRIGE COIL Delete
△	T2551	QQH0065-002-I2	QQH0089-001	FBT
	T2561	QQR0898-001	QQH0898-001	DEF.TRANSF.
	L2521	QQLZ028-101	QQLZ028-501	CHOKO COIL
	D2403	1SS133-T2	————	SI.DIODE Delete
	D2555	MTZJ12C-T2	————	ZENER DIODE Delete
	D2556	MTZJ12C-T2	————	ZENER DIODE Delete
	K2501	CE41433-001Z	————	BEADE CORE Delete
	K2502	CE41433-001Z	————	BEADE CORE Delete
△	PC2901	TLP721F(D4-GR)	TLP421F/D4-GR/	I.C. (PH.COUPLER)

JVC

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