

JVC

SERVICE MANUAL

COLOUR TELEVISION

AV-28WFR1EKS/A

AV-28WFR1EK/A

| |
|---------------|
| BASIC CHASSIS |
| JK |

The following items for the AV-28WFR1EKS/A / AV-28WFR1EK/A models were changed from those of the AV-28WFR1EKS / AV-28WFR1EK models.

Therefore, this service manual describes only the items which differ from those of the AV-28WFR1EKS / AV-28WFR1EK service manual.

For details other than those described in this manual, please refer to the AV-28WFR1EKS / AV-28WFR1EK service manual(No.51695, Mar. 2000).

HOW TO IDENTIFY MODELS

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

| | Model Parts | AV-28WFR1EKS/A | AV28WFR1EK/A |
|---|----------------|--|----------------|
| ⚠ | Rating label | LC20091-030A-U | LC20091-029A-U |
| | | <p style="text-align: center;">AV-28WFR1EKS / AV-28WFR1EK</p> <p style="text-align: center;">Indicated "A"</p> | |

CHANGED ITEMS

USING PW BOARD DIFFERENCE TABLE (Page 38)

| PWB ASS'y \ Model | AV-28WFR1EKS AV-28WFR1EK No.51695 | AV-28WFR1EKS/A AV-28WFR1EK/A No.51695B |
|-----------------------------|---|--|
| MAIN PWB | SJK-1904A-U2 | SJK-1906A-U2 |
| POWER & DEF. PWB | SJK-2504A-U2 | SJK-2508A-U2 |
| CRT SOCKET PWB | SJK-3502A-U2 | SJK-3503A-U2 |
| FRONT CONTROL PWB | SJK-8504A-U2 | SJK-8506A-U2 |
| AV SEL. PWB | SJK0S902A-U2 | SJK0S905A-U2 |

PARTS DIFFERENCE TABLE

| MODEL No. | AV-28WFR1EKS AV-28WFR1EK No.51695 | AV-28WFR1EKS/A AV-28WFR1EK/A No.51695B | PARTS NAME |
|------------|---|--|------------|
| △ REF. No. | PARTS No. | PARTS No. | |

EXPLODED VIEW PARTS LIST (Page 36)

| | | | | |
|---|-------|----------------------------------|---|--------------------|
| △ | L01 | QQW0070-001 | QQW0100-001 | DEG COIL |
| △ | L03 | CELD904-001 | ————— | ROTATION COIL |
| △ | V01 | W66ERF031X013 | W66QDE891X923 | CRT(ITC) |
| △ | T2551 | QQH0065-002-I2 | QQH0089-002-I2 | FBT(SERVICE) |
| △ | 6 | QNZ0407-002 | QNZ0369-003 | ANODE WIRE |
| △ | 11 | LC20091-010A-U (AV-28WFR1EKS) | LC20091-029A-U (AV-28WR1EKS/A) | RATING LABEL |
| △ | 11 | LC20091-017A-U (AV-28WFR1EK) | LC20091-030A-U (AV-28WFR1EK/A) | RATING LABEL |
| △ | 100 | LC10662-008B-U (AV-28WFR1EKS) | LC10662-008C-U (AV-28WFR1EKS/A) | FRONT CABINET ASSY |
| △ | 100 | LC10662-004C-U (AV-28WFR1EK) | LC10662-004D-U (AV-28WFR1EK/A) | FRONT CABINET ASSY |

PACKING PARTS LIST(Page 49)

| | | | | |
|--|--|-------|-----------------------|------------|
| | | ————— | LCT0931-001A-U | INST SHEET |
|--|--|-------|-----------------------|------------|

PRINTED WIRING BOARD PARTS LIST MAIN PW BOARD ASS'Y (Page 39)

| PW BOARD No. | SJK-1904A-U2 | SJK-1906A-U2 | | | |
|--------------|--------------|--------------|---------------------|-------------|-------------|
| △ Symbol No. | PARTS No. | PARTS No. | PARTS NAME | DESCRIPTION | |
| | C1726 | NDC21HJ-391X | NDC21HJ-821X | C CAP. | 820pF 50V J |

| POWER & DEF. PW BOARD ASS'Y(Page 41~42) | | | | | |
|---|------------|----------------|-----------------------|-------------------|-------------------|
| PW BOARD No. | | SJK-2504A-U2 | SJK-2508A-U2 | PARTS NAME | DESCRIPTION |
| △ | Symbol No. | PARTS No. | PARTS No. | | |
| | R2403 | QRE141J-123 | 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 |
| | 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 |
| | T2521 | CE42549-001J1 | ————— | BRIGE COIL | Delete |
| △ | T2551 | QQH0065-002-I2 | QQH0089-001 | FBT | |
| | T2561 | QQR0898-001 | QQH0898-001 | DEF.TRANSF. | |
| | L2461 | QQLZ028-822 | QQLZ027-821 | CHOKE COIL | |
| | L2521 | QQLZ028-101 | QQLZ028-501 | CHOKE 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) | |

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