

SERVICE MANUAL

COLOR TEREVISION

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- Replace this Service Manual with "Revision Publishing" when it is issued.

ELECTRICAL MAIN PARTS LIST -1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
IC				C16	87-016-633-080		CAP,E 1-50 SSL
				C17	87-018-131-080		CAP, CER 1000P-50V
	87-A20-364-010		IC,KIA7809PI	C18	87-018-128-080		CAP, CERA-SOL SS 560P
	87-027-666-010		IC,TC4052BP	C19	87-016-629-080		CAP,E 0.1-50 SSL
	87-A20-312-010		IC,M62420SP	C21	87-018-115-080		CAP, CER 47P-50V
	87-070-237-010		IC,LA7832	C22	87-018-115-080		CAP, CER 47P-50V
	87-A30-041-110		TR,SE115N	C23	87-018-125-080		CAP, CER 330P-50V
				C24	87-018-131-080		CAP, CER 1000P-50V
	87-A20-611-080		IC,M51943BSL-700A	C25	87-016-629-080		CAP,E 0.1-50 SSL
	8Z-JAD-621-010		IC,M37272M8-165SP	C28	87-018-117-080		CAP,TC-U 68P-50 SL
	87-A91-538-010		RCR UNIT,SBX1981-72P	C29	87-018-117-080		CAP,TC-U 68P-50 SL
	87-A21-433-010		IC,KS24C041I	C101	87-016-636-080		CAP,E 4.7-50 SSL
	87-A21-299-010		IC,LA6458SLL	C104	87-016-621-080		CAP,E 220-10 SSL
	8Z-JBJ-605-010		IC,TA1268N				
	87-002-421-010		IC,NJM2233BL	C106	87-A10-576-010		CAP,CER 0.01-50 Z YF
	87-A21-283-010		IC,AN5277	C110	87-018-134-080		CAPACITOR,TC-U 0.01-
	87-A21-259-010		IC,MM1454XD	16			
	87-A21-169-010		IC,MM1124B	C111	87-018-134-080		CAPACITOR,TC-U 0.01-
				16			
	87-A21-345-010		IC,NJM2150	C201	87-018-134-080		CAPACITOR,TC-U 0.01-
	87-A21-344-010		IC,STR-F6656	16			
				C202	87-018-134-080		CAPACITOR,TC-U 0.01-
				16			
TRANSISTOR				C203	87-016-632-080		CAP,E 0.47-50 SSL
	89-337-794-580		TR,2SC3779 D/E	C204	87-018-134-080		CAPACITOR,TC-U 0.01-
	87-A30-091-080		FET,2SJ460	16			
	87-A30-114-080		TR,2SD1207T	C205	87-016-577-080		CAP,E 470-16 SSL
	89-208-922-380		TR,2SB892 ST	C207	87-016-632-080		CAP,E 0.47-50 SSL
	87-026-269-080		TR,DTA114ES	C208	87-018-134-080		CAPACITOR,TC-U 0.01-
				16			
	89-327-854-080		TR,2SC2785F	C209	87-016-576-080		CAP,E 330-16 SSL
	89-111-755-080		TR,2SA1175F	C210	87-018-115-080		CAP, CER 47P-50V
	87-A30-121-080		TR,DTC 323 TS	C211	87-A11-080-080		CAP,TC U 47P-50 J CH
	87-A30-090-080		FET,2SK2541	C214	87-016-627-080		CAP,E 47-16 SSL
	87-A30-176-010		TR,2SC1573A P/Q/R	C251	87-018-134-080		CAPACITOR,TC-U 0.01-
				16			
	89-320-012-080		TR,2SC2001L	C252	87-016-574-080		CAP,E 100-16 SSL
	87-A30-095-010		TR,2SD2333LS/C202	C253	87-A10-112-080		CAP,E 100-10 SSL
				C254	87-015-464-080		CAP,E 4.7-16 BP
DIODE				C255	87-015-464-080		CAP,E 4.7-16 BP
	87-017-654-060		DIODE,GBU6JL6131	C301	87-016-624-080		CAP,E 10-16 SSL
	87-070-111-060		DIODE,RU30A				
	87-017-352-090		DIODE,RU3YX	C302	87-016-624-080		CAP,E 10-16 SSL
	87-070-112-060		DIODE,RU4YX	C303	87-016-624-080		CAP,E 10-16 SSL
	87-017-931-080		ZENER,MTZJ5.6B	C304	87-016-637-080		CAP,E 10-50 SSL
				C305	87-018-134-080		CAPACITOR,TC-U 0.01-
				16			
	87-002-743-080		ZENER,MTZJ 33B	C306	87-016-574-080		CAP,E 100-16 SSL
	87-070-136-080		ZENER,MTZJ5.1B				
	87-A40-523-080		ZENER,MTZJ9.1B				
	87-A40-348-080		ZENER,MTZJ3.3A	C308	87-016-632-080		CAP,E 0.47-50 SSL
	87-020-465-080		DIODE,1SS133 (110MA)	C310	87-018-119-080		CAP, CER 100P-50V
				C311	87-A11-148-080		CAP,TC U 0.1-50 Z F
	87-A40-286-080		DIODE,RGP10JE-5025	C312	87-A11-148-080		CAP,TC U 0.1-50 Z F
	87-070-274-080		DIODE,1N4003 SEM	C313	87-A11-148-080		CAP,TC U 0.1-50 Z F
	87-017-932-080		ZENER,MTZJ6.2B				
	87-A40-450-090		DIODE,RU 1P	C314	87-018-134-080		CAPACITOR,TC-U 0.01-
	87-A40-611-080		ZENER,MTZJ3.9B	16			
				C315	87-018-131-080		CAP, CER 1000P-50V
	87-A40-249-080		ZENER,MTZJ 15A	C316	87-016-634-080		CAP,E 2.2-50 SSL
				C317	87-016-634-080		CAP,E 2.2-50 SSL
				C318	87-018-134-080		CAPACITOR,TC-U 0.01-
				16			
MAIN C.B							
BT301	87-JBC-625-010		CONN ASSY,5P V WHT	C319	87-016-575-080		CAP,E 220-16 SSL
TV-NK				C320	87-016-587-090		CAP,E 1000-25 M SSL
BT401	8Z-JAE-615-110		CONN ASSY,4P V GRAY	C321	87-016-636-080		CAP,E 4.7-50 SSL
JK				C323	87-016-625-080		CAP,E 22-16 SSL
BT601	87-JBC-626-010		CONN ASSY,4P V WHT	C324	87-016-632-080		CAP,E 0.47-50 SSL
TV-NK							
C1	87-016-624-080		CAP,E 10-16 SSL	C328	87-016-624-080		CAP,E 10-16 SSL
C2	87-018-134-080		CAPACITOR,TC-U 0.01-	C330	87-016-633-080		CAP,E 1-50 SSL
16				C332	87-018-134-080		CAPACITOR,TC-U 0.01-
				16			
C3	87-018-134-080		CAPACITOR,TC-U 0.01-	C333	87-018-125-080		CAP, CER 330P-50V
16				C334	87-018-134-080		CAPACITOR,TC-U 0.01-
C5	87-016-633-080		CAP,E 1-50 SSL	16			
C6	87-018-134-080		CAPACITOR,TC-U 0.01-				
16				C335	87-016-574-080		CAP,E 100-16 SSL
C7	87-016-621-080		CAP,E 220-10 SSL	C336	87-A11-148-080		CAP,TC U 0.1-50 Z F
C10	87-018-119-080		CAP, CER 100P-50V	C338	87-016-632-080		CAP,E 0.47-50 SSL
				C342	87-010-529-080		CAP,E 1-50 BP
				C343	87-018-131-080		CAP, CER 1000P-50V

ELECTRICAL MAIN PARTS LIST -2

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
C344	87-A11-080-080		CAP,TC U 47P-50 J CH	△C611	87-010-974-080		CAP,CER 220P-500 B
C346	87-016-622-080		CAP,E 470-10 SSL	C612	87-016-624-080		CAP,E 10-16 SSL
C348	87-018-126-080		CAP,TC-U 390P-50 B	C615	87-016-215-080		CAP,E 1-160 M TWSS
C401	87-018-134-080		CAPACITOR,TC-U	C616	87-A10-833-010		CAP,CER 1000P-2K K R LONG
C402	87-016-627-080		CAP,E 47-16 SSL	△C801	87-A10-688-090		CAP,M/P 0.22-275 K (B81133)
!C403	87-010-399-090		CAP,E 3300-35 SME	△C803	87-A10-517-010		CAP,CER 3300P-4K M E KX
C404	87-018-134-080		CAPACITOR,TC-U	△C804	87-A10-517-010		CAP,CER 3300P-4K M E KX
C405	87-018-134-080		CAPACITOR,TC-U				
C406	87-018-134-080		CAPACITOR,TC-U	C805	87-016-633-080		CAP,E 1-50 SSL
C407	87-016-627-080		CAP,E 47-16 SSL	C806	87-A11-825-010		CAP,CER 120P-2K J SL
C408	87-016-574-080		CAP,E 100-16 SSL	C807	87-018-127-080		CAP, CER 470P-50V
C409	87-016-625-080		CAP,E 22-16 SSL	△C808	87-A11-992-090		CAP,E 330-400 105 KMH
C410	87-016-624-080		CAP,E 10-16 SSL	C810	87-016-628-080		CAP,E 10-25 SSL
C411	87-016-624-080		CAP,E 10-16 SSL	C811	87-016-582-080		CAP,E 47-25 SSL
C412	87-016-624-080		CAP,E 10-16 SSL	C812	87-A11-302-090		CAP,M/P 0.01-630 J ECQF6(ZH)
C413	87-016-624-080		CAP,E 10-16 SSL	C814	87-018-130-080		CAP,TC-U 820P-50 B
C414	87-016-624-080		CAP,E 10-16 SSL	C815	- - -		CAP,CER 470P-2K K R
C415	87-016-633-080		CAP,E 1-50 SSL	C816	87-A10-731-090		CAP,E 220-160 M KMF
C416	87-016-633-080		CAP,E 1-50 SSL	△C817	87-A10-688-090		CAP,M/P 0.22-275 K (B81133)
C417	87-018-134-080		CAPACITOR,TC-U	C819	87-016-587-090		CAP,E 1000-25 M SSL
C418	87-016-624-080		CAP,E 10-16 SSL	C821	87-010-446-010		CAP,E 2200-35 KME
C419	87-A10-112-080		CAP,E 100-10 SSL	C822	- - -		CAP,CER 1000P-1K KB
C428	87-016-627-080		CAP,E 47-16 SSL	C827	87-016-587-090		CAP,E 1000-25 M SSL
C429	87-016-627-080		CAP,E 47-16 SSL	C830	87-A11-824-010		CAP,CER 100P-2K J SL
C430	87-018-134-080		CAPACITOR,TC-U	C831	- - -		CAP,CER 330P-2K KR
C435	87-016-627-080		CAP,E 47-16 SSL	CF201	84-LB3-626-010		FLTR,TPS4.5MB2
C436	87-018-134-080		CAPACITOR,TC-U	CF202	87-008-574-080		FLTR,SFSH4.5MCB
C437	87-016-624-080		CAP,E 10-16 SSL	CN1	87-009-195-010		CONN,5P B5BEH
C440	87-016-627-080		CAP,E 47-16 SSL	CN401	87-049-469-010		CONN,4P V
C444	87-016-633-080		CAP,E 1-50 SSL	CN601	87-A60-933-010		CONN,4P V B04(5-3)B- DVS-L
C445	87-016-591-080		CAP,E 100-35 SSL	CN604	87-A60-485-010		CONN,2P V LV GRA
C447	87-016-633-080		CAP,E 1-50 SSL	△CN801	87-099-674-010		CONN,2P VA V
C449	87-016-588-090		CAP,E 2200-25 SSL	△CN802	82-481-649-010		PLUG,2P MINI(*)
C450	87-016-588-090		CAP,E 2200-25 SSL	CNA401	87-JB8-601-010		CONN ASSY,4P SP-20
C453	87-016-574-080		CAP,E 100-16 SSL	D1	87-070-110-010		LED,SLP-181B-51
C454	87-016-624-080		CAP,E 10-16 SSL	D810	87-A90-965-010		VRIS,TNR15G471K
C455	87-016-624-080		CAP,E 10-16 SSL	△FB801	87-035-192-010		FUSE, 4AT
C459	87-015-464-080		CAP,E 4.7-16 BP	FB801	87-003-320-080		F-BEAD,FBR07HA121NB
C460	87-015-464-080		CAP,E 4.7-16 BP	FB803	87-003-320-080		F-BEAD,FBR07HA121NB
C465	87-018-134-080		CAPACITOR,TC-U	FB804	87-003-320-080		F-BEAD,FBR07HA121NB
C466	87-016-624-080		CAP,E 10-16 SSL	FB805	87-003-320-080		F-BEAD,FBR07HA121NB
C473	87-018-118-080		CAP,TC-U 82P-50 B	FB807	87-003-320-080		F-BEAD,FBR07HA121NB
C474	87-018-118-080		CAP,TC-U 82P-50 B	△FC801	87-033-213-080		CLAMP, FUSE
C475	87-018-117-080		CAP,TC-U 68P-50 SL	△FC802	87-033-213-080		CLAMP, FUSE
C476	87-018-117-080		CAP,TC-U 68P-50 SL	FR601	87-A00-063-060		RES,FUSE 2.2-1/2W J R-TYPE
C477	87-015-464-080		CAP,E 4.7-16 BP	FR602	87-A00-055-060		RES,FUSE 2.2-2WJ R-TYPE
C478	87-015-464-080		CAP,E 4.7-16 BP	FR604	87-A00-106-060		RES,FUSE 3.3-1W J R-TYPE
C487	87-016-633-080		CAP,E 1-50 SSL	FR801	87-029-070-090		RESISTOR, FUSE 1/4W 2.2
C488	87-016-633-080		CAP,E 1-50 SSL	HL1	84-LB3-216-010		HLDR,LED
C495	87-018-115-080		CAP, CER 47P-50V	J401	87-A60-856-010		JACK,PIN 3P
C496	87-018-115-080		CAP, CER 47P-50V	J402	87-A60-324-110		JACK,PIN 6P Y-W-R W/SW
C502	87-A10-831-080		CAP,E 1000-25 M SMG	J403	87-A60-858-010		JACK,3.5 BLK ST 2 SW
C503	87-016-633-080		CAP,E 1-50 SSL	L2	87-005-614-080		COIL 100UH LAV35 J
C504	87-016-633-080		CAP,E 1-50 SSL	L104	87-003-139-080		COIL,0.56UH
C508	87-A10-469-080		CAP,CER 2200P-500 K B DD10	L201	8Z-JBR-612-010		COIL,SIF 4.5MHZ 504BN
C510	87-018-131-080		CAP, CER 1000P-50V	L203	87-003-148-080		COIL BIAS 33UH
C511	87-016-591-080		CAP,E 100-35 SSL	L204	87-003-282-080		COIL,12UH
C601	87-016-644-080		CAP,E 10-100 SSL	L205	8Z-JBH-610-010		COIL,PIF-SQ57EL349A 45.75MHZ
C604	87-016-593-080		CAP,E 470-35 M SSL	L206	87-005-612-080		COIL,68UH J LAV35
C606	87-A10-675-090		CAP,M/P 0.56-250 J	L207	87-003-147-080		COIL, 22UH
C608	87-A10-833-010		CAP,CER 1000P-2K K R LONG	L208	87-003-150-080		COIL, 68UH J LAL02
C609	87-A11-047-090		CAP,M/P 8200P-1.25 H PHS	L251	87-005-610-080		COIL,47UH LAV35 J
!C610	87-010-974-080		CAP,CER 220P-500 B				

ELECTRICAL MAIN PARTS LIST -3

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
L401	87-005-507-080		COIL,22UH FL0606 J	C907	87-016-577-080		CAP,E 470-16 SSL
L402	87-005-507-080		COIL,22UH FL0606 J	C908	87-016-627-080		CAP,E 47-16 SSL
L403	87-005-610-080		COIL,47UH LAV35 J	CN901	87-049-469-010		CONN,4P V
L404	87-005-507-080		COIL,22UH FL0606 J	CN902	87-A60-622-010		CONN,5P V 2MM JMT
L602	87-A50-040-010		COIL,2.2MH	CN903	87-A60-485-010		CONN,2P V LV GRA
L801	87-A50-176-080		COIL,33UH-PJ87	L901	87-005-615-080		COIL,120UH J LAV35
!LF801	87-JB8-651-010		FLTR,LINE SS24 H-K15070	R904	87-A00-165-090		RES,M/F 15K-2W J
!LF802	8Z-JAD-610-010		FLTR,LINE FLF	RSF(S)			
15N022AV				R905	87-A00-165-090		RES,M/F 15K-2W J
!PR801	87-A90-090-080		PROTECTOR,1.5A 491SERIES 60V	RSF(S)			
!PR802	87-A90-195-080		PROTECTOR 7A 60V 491SERIES	R906	87-A00-165-090		RES,M/F 15K-2W J
!PR804	87-A90-195-080		PROTECTOR 7A 60V 491SERIES	RSF(S)			
!PS801	87-A91-407-010		P-COUPLER,ON3171-R	R906	87-A00-165-090		RES,M/F 15K-2W J
!PS802	87-A91-407-010		P-COUPLER,ON3171-R	RSF(S)			
!PT801	8Z-JAD-801-010		PT,SW ZJA-D	S901	86-LBU-670-010		SOCKET,CRT 9P CVT3326
R107	87-A00-154-090		RES,M/F 18K-1W J RSF(S)	1603			
R110	87-A00-160-090		RES,M/F 33-2W J RSF(S)				
R312	87-025-602-090		RES,M/O 39-2W J				
R429	87-025-381-080		RES,M/F 18K-1/6W F				
R430	87-025-424-080		RES,M/F 10K 1/6W F				
R431	87-025-380-080		RES,M/F 15K-1/6W F				
R432	87-025-381-080		RES,M/F 18K-1/6W F				
R450	87-A00-624-090		RES,M/F 3.3-7W J RSV7				
R505	87-A00-563-090		RES,M/F 1.5-1/2W J ERXS				
R606	87-A00-196-090		RES,M/F 0.47-1/2W J RSF(S)				
R610	87-A00-123-090		RES,M/F 3.9K-2W J				
R611	87-A00-561-090		RES,M/F 4.7K-2W J RSI-2S B				
R624	87-A00-544-090		RES,M/F 220-3W J ERGS				
R804	87-A00-543-080		RES,SD 8.2M-1W J RCR60				
R806	87-A00-204-090		RES,CEM 0.18-5W K				
R809	87-A00-552-010		RES,CEM 1.0-10W J MPC722				
R810	87-A00-552-010		RES,CEM 1.0-10W J MPC722				
R812	87-A00-576-090		RES,M/F 27K-5W J RSV5				
R813	87-A00-577-090		RES,M/F 22K-2W J RSF(S)				
R816	87-A00-411-090		RES,M/F 33K-1W J				
R824	87-A00-577-090		RES,M/F 22K-2W J RSF(S)				
SF201	8Z-JBH-633-010		FLTR,SAW M1969-US				
SW2	87-A90-712-080		SW,TACT EVQ11L07K				
SW3	87-A90-712-080		SW,TACT EVQ11L07K				
SW4	87-A90-712-080		SW,TACT EVQ11L07K				
SW5	87-A90-712-080		SW,TACT EVQ11L07K				
SW6	87-A90-712-080		SW,TACT EVQ11L07K				
SW7	87-A90-712-080		SW,TACT EVQ11L07K				
!SW801	87-A90-364-010		SW,PUSH SDDLb1-C-D-2				
!T601	8Z-JBS-605-010		FBT, HFT3608(SAN)20-C				
!T602	8Z-JBH-615-010		TRANS,US ETH09K10AZ				
!TH801	87-A91-405-010		POS-THMS,T209-B80-A10				
TU101	8Z-JBE-610-010		TU UNIT,USA ENV56D74G3				
X1	87-A70-124-080		VIB,CER 8.0MHZ				
X301	87-A70-007-080		VIB,XTAL 3.58MHZ AQC-1001				
X302	87-030-327-010		VIB,CER CSB503F30				
NK C.B							
C901	87-012-372-010		CAP,CER 1000P-2K				
C902	87-018-125-080		CAP,CER 330P-50V				
C903	87-018-125-080		CAP,CER 330P-50V				
C904	87-018-125-080		CAP,CER 330P-50V				
!C905	87-010-976-080		CAP,CER 1000P-500 B				

MECHANICAL PARTS LIST - 1

REF. NO.	PART NO.	KANRI NO.	DESCRIPTION	REF. NO.	PART NO.	KANRI NO.	DESCRIPTION
1	87-054-086-010		BADGE, AIWA 52.5	16	87-A90-332-010		HLDR, SF-2001 HV CABLE
2	8Z-JAK-003-010		PANEL, MAIN AN2010 NH	18	8Z-JB5-007-010		BTN, POWER SH
3	8Z-JBR-005-010		LENS, RC	19	84-LB3-216-010		HLDR, LED
4	8Z-JBR-006-010		LENS, LED	A	87-067-680-010		BVI T3+3-10
5	8Z-JBR-004-010		KEY, MAIN	C	87-078-070-010		BVIT3B+4-12
6	8Z-JBS-001-010		CABI, FR	D	86-LBB-206-010		S-SCREW, ASSY
7	8Z-JB4-620-010		SPKR, 6*12 8OHM 10W				TV5-40 W20
8	8Z-JAD-620-010		AC CORD SET, NH BLK	E	87-067-761-010		TAPPING SCREW,
9	8Z-JBR-201-010		HLDR, PCB 1				BVT2+3-10
10	87-JBD-606-010		CRT, A48LRH94X02(W)	F	87-067-579-010		TAPPING SCREW,
							BVT2+3-8
11	87-A50-557-010		DGC, 20' 15 OHM-TYPE8	G	87-067-844-010		BVT2+4-16 BLK
12	84-LB3-205-010		SPR-E, EARTH	H	87-067-690-010		TAPPING SCREW,
13	84-LB2-633-110		CONN ASSY, 1P CRT GND				BVIT3+3-12
14	8Z-JBR-002-010		CABI, REAR				
15	8Z-JB5-010-010		PANEL, REAR SH				

ACCESSORIES LIST-1

REF.NO.	PART NO.	KANRI NO.	DESCRIPTION
1	8Z-JAK-901-010		IB,NH (E) -AN2110/ 2010/1410
2	8Z-JAE-951-010		RC UNIT,RC-ZVT18
3	87-A90-702-010		ANT ASSY,TV 5 SEC (NTSC)
4	87-A91-015-010		PLUG,CONVERSION JT-0475A



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