

JVC

SERVICE MANUAL

TV/VCR COMBO

BASIC CHASSIS

FC3

TV-20242

supplementary

The following item for the TV-20242 model were changed from those of the TV-20240(US/CA) model. Therefore, this service manual describes only the items which differ from those of the TV-20240(US/CA) service manual.

For details other than those described in this manual, please refer to the service manual table given below.

■ REFERENCE SERVICE MANUAL TABLE

MODEL No.	CHASSIS No.	MANUAL No. & DATE	DESCRIPTION
TV-20240(US/CA)	F C	No.51520,Mar.1999	Basic model.
TV-20240(US/CA)	F C	No.51520B,Nou.1999	Supplementary Change of VCR mechanism section.
TV-20240(A US/A CA)	F C	No.51520C,Nou 1999	Supplementary Change of production country
TV-20241(US/CA)	F C 2	No.51688,Jan.2000	V-chip & RETURN+ functions are added.
TV-20242	F C 3	No.51820,May.2001	SYSTEM CONSTANT MODE is added & cabinet color is changed.

■ OUTLINE OF TV-20242 MODEL

This is an improved version of the TV-20240(US/CA) model to which SYSTEM CONSTANT MODE (CAN V-chip) is added and CABINET color is changed.

SYSTEM CONSTANT check and setting are added.[2.(4)]

MEMORY IC REPLACEMENT

1. Memory IC

This model uses a memory IC.

This memory IC stores data for proper operation of the video and deflection circuits.

When replacing, be sure to use an IC containing this (initial value) data.

2. Memory IC replacement procedure

(1) Power off

Switch off the power and disconnect the power cord from the wall outlet.

(2) Replace the memory IC

Initial value must be entered into the new IC.

(3) Power on

Connect the power cord to the wall outlet and switch on the power.

(4) System constant check and setting

*** It must not be adjusted without signal.**

- 1) Press **SLEEP TIMER** key and, while the indication of "**SLEEP TIMER 0 MIN.**" is being displayed, press **DISPLAY** key and **VIDEO STATUS** key on the remote control unit simultaneously.
- 2) The SERVICE MENU screen of Fig.1 is displayed.
- 3) While the SERVICE MENU is displayed, again simultaneously press the **DISPLAY** and **VIDEO STATUS** keys to display the Fig.2 SYSTEM CONSTANT screen.
- 4) Refer to the SYSTEM CONSTANT screen and check the setting items. Where these differ, select the setting item with the MENU UP/DOWN key and adjust the setting with the MENU LEFT/RIGHT keys. (The letters of the selected item are displayed in yellow.)
- 5) After adjusting, release the MENU LEFT/RIGHT key to store the setting value.
- 6) Press the **EXIT** key twice to return to the normal screen.

(5) Receive channel setting

Refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the receive channels (Channels Preset) as described.

(6) User settings

Check the user setting items according to Table 1.(page8 on AV-20240) Where these do not agree, refer to the OPERATING INSTRUCTIONS (USER'S GUIDE) and set the items as described.

(7) SERVICE MENU setting

Verify what to set in the SERVICE MENU, and set whatever is necessary. (Fig.1) Refer to the SERVICE ADJUSTMENT for setting.

SERVICE MENU

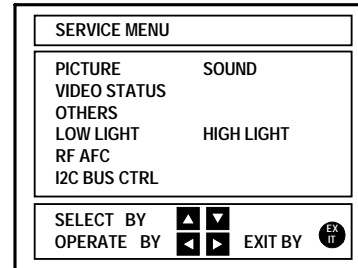


Fig.1

SYSTEM CONSTANT

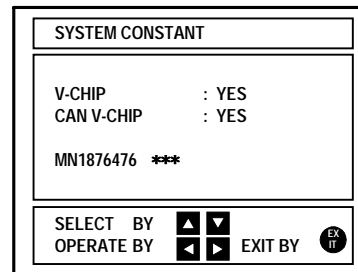
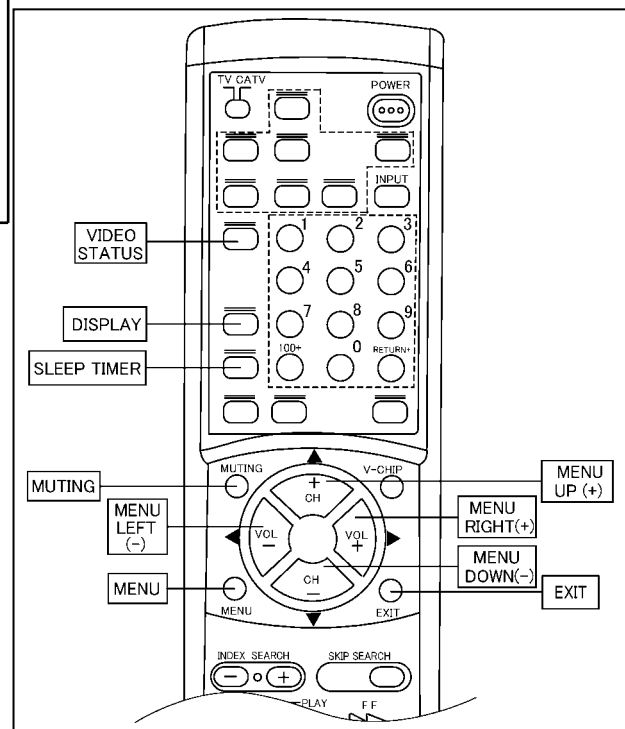


Fig.2

NAME OF REMOTE CONTROL KEY



■ DIFFERENCE PARTS LIST

PARTS LIST (TV)

△	SYMBOL No.	PARTS No.				PARTS NAME	DESCRIPTION
		TV-20240(US&CA) No.51520	TV-20240(A US&A CA) No.51520C	TV-20241(US&CA) No.51688	TV-20242 No.51820		
REMOTE CONTROL UNIT PARTS LIST (Page 59)							
		2AA023600	←	UR52EC1286A	←	BATTERY COVER	Not interchangeable
EXPLODED VIEW PARTS LIST (Page 60)							
	11	CM43094-008-H	←	←	CM43094-010-H	JVC MARK	Not interchangeable
△	12	LC30491-002B-H	←	←	LC30491-004A-H	POWER KNOB	↑
△	16	LC20197-003B-H	←	←	LC20197-005A-H	CASSETTE FLAP	↑
△	19	LC20198-003B-H	←	←	LC20198-005A-H	VTR KNOB	↑
△	24	LC10256-002B-H	←	←	LC10256-002C-H	REAR COVER	↑
	30	LP20324-002D	←	LP20324-002F	←	DOOR OPENER	↑
△	32	LC10255-003C-H	←	←	LC10255-005A-H	FRONT CABINET	↑
△	33	LC20199-003C-H	←	←	LC20199-005A-H	DOOR	↑
△	35	LC20106-001B-A	←	←	LC20106-001D-A	POWER CORD CLAMP	↑

PARTS LIST (VCR)

△	SYMBOL No.	PARTS No.				PARTS NAME	DESCRIPTION		
		TV-20240(US&CA) No.51520	TV-20240(A US&A CA) No.51520C	TV-20241(US&CA) No.51688	TV-20242 No.51820				
CABINET AND CHASSIS ASSEMBLY<M2> (Page 65)									
		LP30247-001B	←	LP30247-002B	←	FRONT BRACKET	Not interchangeable		
DEMOD BOARD ASSEMBLY<63> (Page 68)									
	PW1	LPA10050-01B	←	SFC0A001A-H2	←	DEMOD PWB ASSY	Interchangeable		
MAIN BOARD ASSEMBLY<70> (Page 68, 73)									
	PW1	LPA10040-03B	←	SFC-7001A-H2	←	SFC-7002A-H2	SFC-7003A-H2	MAIN BOARD ASSY	Not interchangeable
	IC9001	MN18P76476BP-05 or MN1874876JM	←	MN1876476FA	←	IC	↑		
	C6001	QETN1CM-476	←	QETN1EM-476Z	←	E CAPACITOR	↑		

PACKING PARTS LIST (Page 75)

△	SYMBOL No.	PARTS No.				PARTS NAME	DESCRIPTION	
		TV-20240(US&CA) No.51520	TV-20240(A US&A CA) No.51520C	TV-20241(US&CA) No.51688	TV-20242 No.51820			
	4	RM-C139-1C	←	RM-C389-1H	←	REMOCON UNIT	Not interchangeable	
	2	CP11613-A82-H	←	LC10453-074A-H	←	LC10453-0A5A-H	PACKING CASE	↑
△	7	LCT0316-001A-H	←	LCT0614-001A-H	←	LCT0999-001A-H	INST BOOK	↑
△	6	LCT0317-001A-H	←	LCT0615-001A-H	←	LCT1000-001A-H	INST BOOK (Only CA Model)	↑

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