

CFS-W445S

SERVICE MANUAL

E Model

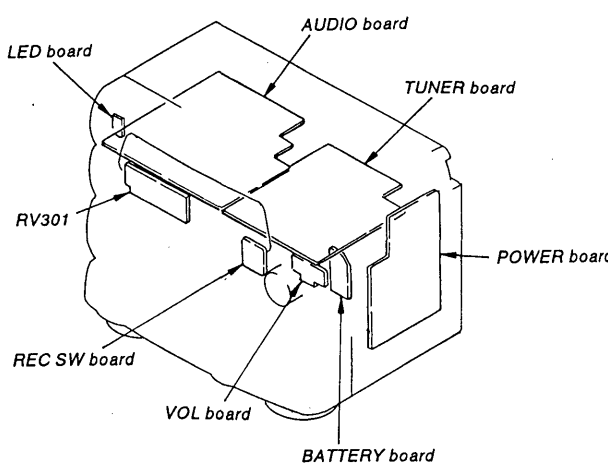
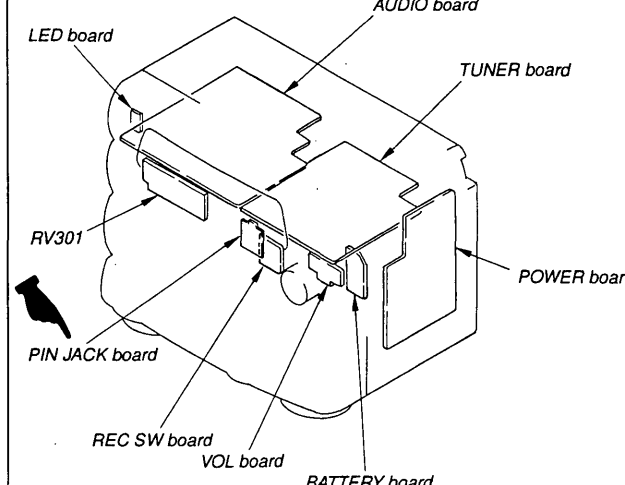
This model is the CFS-W435S added with PIN JACK Board.
This manual contains only the points which differ from CFS-W435S.
However, accessories and packing materials are all listed.
Please refer for CFS-W435S service manual (9-959-762-00) for the informations not contained in this manual.

SPECIFICATIONS

Input
CD/TV LINE IN jacks (stereo phono jacks)
Input impedance 47 kilohms
Sensitivity 0.44V

1. DIAGRAM

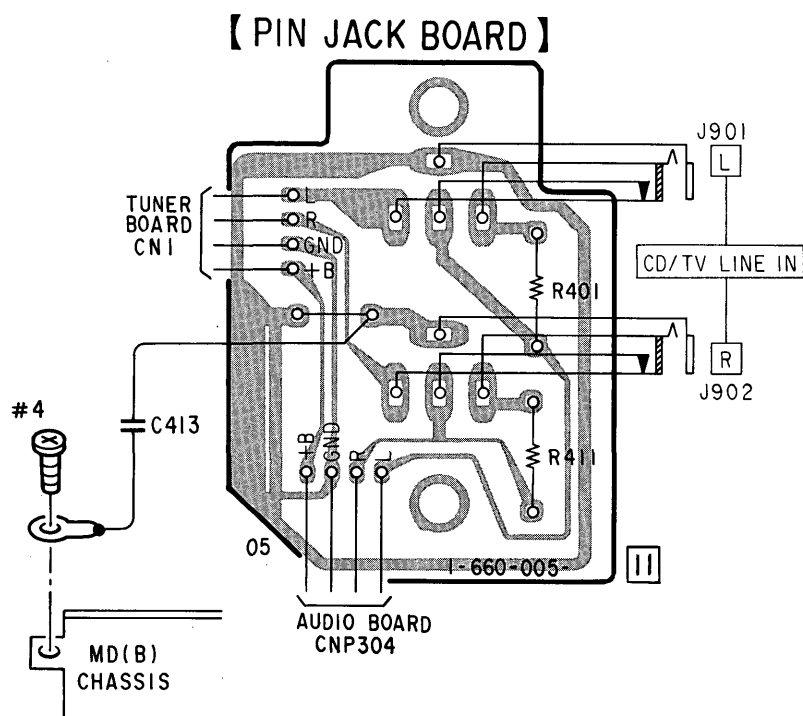
(1) CIRCUIT BOARDS LOCATION

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 : Difference portion

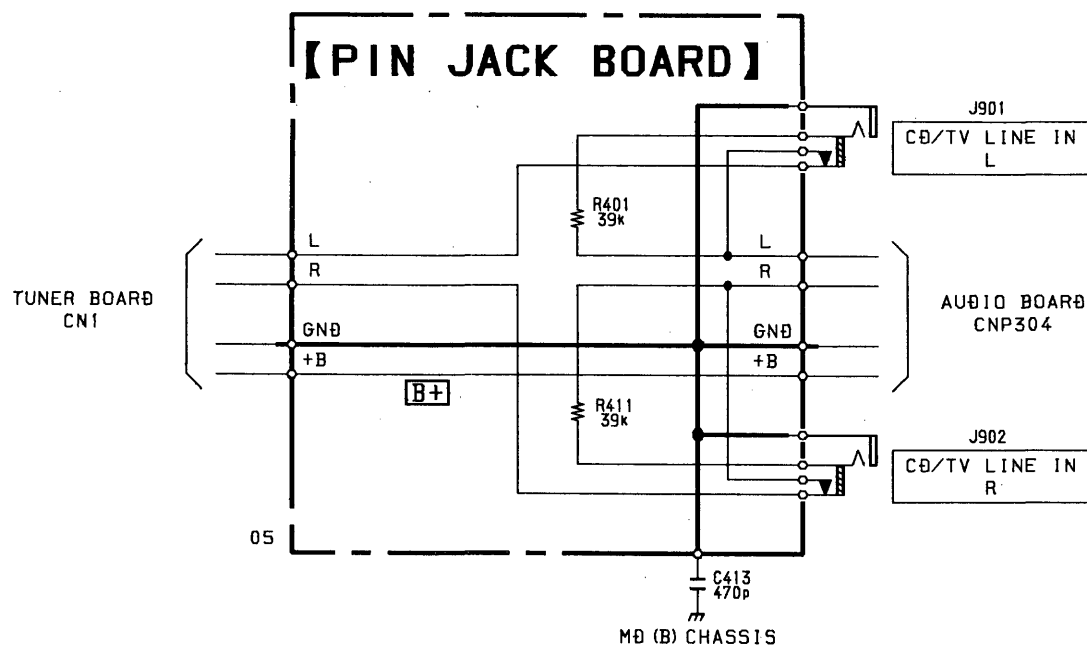
RADIO CASSETTE-CORDER
SONY®

(2) PRINTED WIRING BOARD

**Note:**

- — : parts extracted from the component side.
- ▨ : Pattern from the side which enables seeing.

(3) SCHEMATIC DIAGRAM

**Note:**

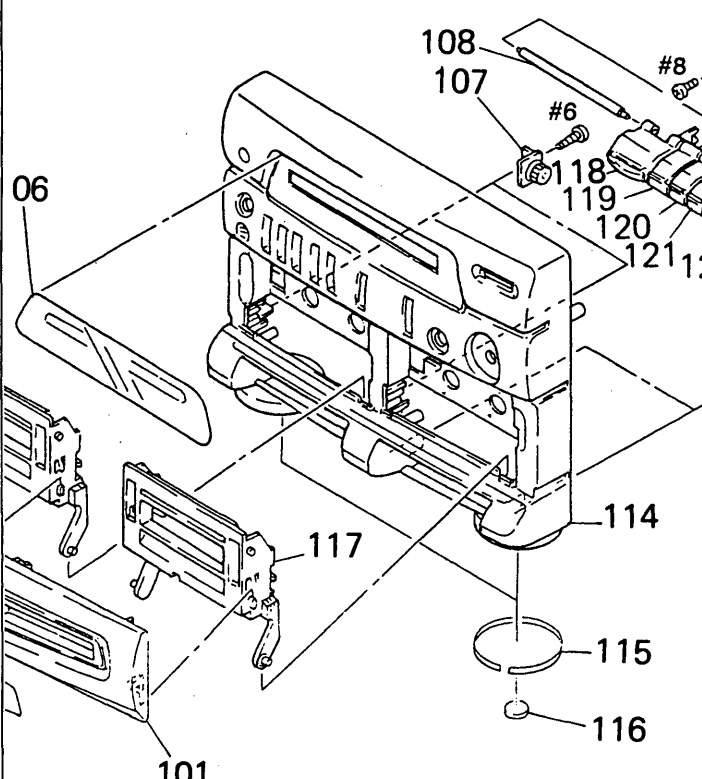
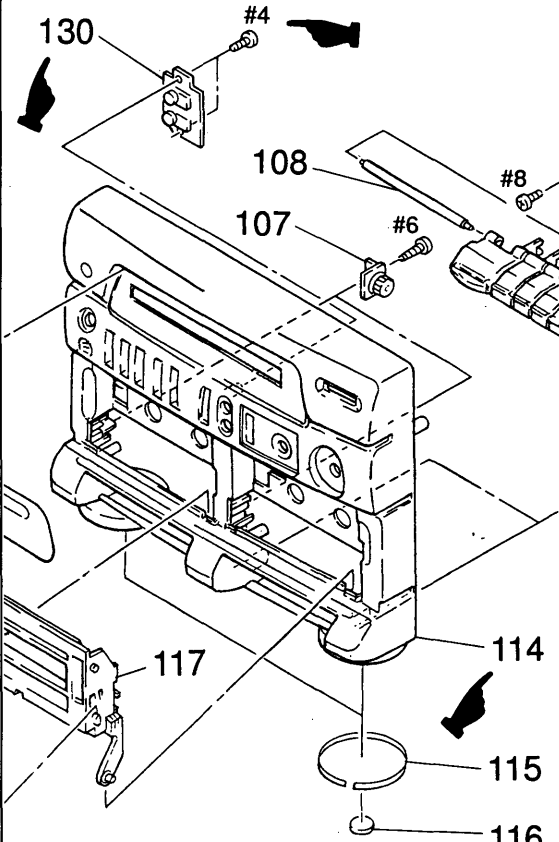
- All capacitors are in μF unless otherwise noted. pF: $\mu\mu\text{F}$
50 WV or less are not indicated except for electrolytics and tantalums.
- All resistors are in Ω and $\frac{1}{4} \text{ W}$ or less unless otherwise specified.
- B+** : B + Line.
- : panel designation.

2. EXPLODED VIEWS

(1) REAR CABINET ASSEMBLY SECTION

Page	CFS-W435S			CFS-W445S	
	Ref. No.	Part No.	Description	Part No.	Description
20	4	3-918-449-01	CABINET REAR	3-918-449-21	CABINET REAR

(3) FRONT PANEL ASSEMBLY SECTION

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	Ref. No.	Part No.	Description	Part No.	Description
	114	3-918-448-01	CABINET, FRONT	3-918-448-11	CABINET, FRONT
	*130			1-660-001-11	PIN, JACK BOARD

 : Difference portion

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.

PIN JACK**3. ELECTRICAL PARTS LIST****NOTE:**

- Due to standardization, replacements in the parts list may be different from the parts specified in the diagrams or the components used on the set.
- -XX and -X mean standardized parts, so they may have some difference from the original one.
- **RESISTORS**
All resistors are in ohms.
METAL: Metal-film resistor.
METAL OXIDE: Metal oxide-film resistor.
F: nonflammable

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- **SEMICONDUCTORS**
In each case, u: μ , for example:
uA...: μ A... uPA...: μ PA...
uPB...: μ PB... uPC...: μ PC... uPD...: μ PD...
- **CAPACITORS**
uF: μ F
- **COILS**
uH: μ H

The components identified by mark \triangle or dotted line with mark \triangle are critical for safety. Replace only with part number specified.

When indicating parts by reference number, please include the board.

Ref. No.	Part No.	Description	Remark
*	1-660-005-11	PIN JACK BOARD *****	
		< CAPACITOR >	
C413	1-162-290-31	CERAMIC 470PF 10% 50V	
		< JACK >	
J901	1-774-815-11	JACK, PIN (L)	
J902	1-774-816-11	JACK, PIN (R)	
		< RESISTOR >	
R401	1-249-436-11	CARBON 39K 5% 1/4W	
R402	1-249-436-11	CARBON 39K 5% 1/4W	

		ACCESSORIES & PACKING MATERIALS *****	
\triangle	1-559-048-31	CORD, POWER (E:110-120V AC AREA)	
\triangle	1-569-007-11	ADAPTER, CONVERSION 2P (E:110-120V AC AREA)	
\triangle	1-569-008-11	ADAPTER, CONVERSION 2P (EA)	
\triangle	1-769-412-11	CORD, POWER (E:220-240V AC AREA, EA, SP, UAE)	
	3-810-799-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH)	
*	3-918-499-01	CUSHION (TOP)	
*	3-918-500-01	CUSHION (BOTTOM)	
*	3-932-185-01	INDIVIDUAL CARTON	