

# XR-4400/4401/4402

## SONY<sup>®</sup> SERVICE MANUAL

*US Model*  
*Canadian Model*

XR-4400

*AEP Model*

XR-4400/4401

*UK Model*

XR-4401

*E Model*

XR-4400

*German Model*

XR-4402

## SUPPLEMENT-1

File this supplement with the service manual.

**Subject :**

1. UK model has been added to XR-4401
2. Panama model has been added to XR-4400
3. Correction
4. Addition of models made in French
5. Change of Switch S751
6. Information for Spare Parts
7. Change of Printed Circuit Boards

**1. UK model has been added to XR-4401**

The UK model is the same as the AEP model. See the information on XR-4401 AEP model for details.

**2. Panama model has been added to XR-4400**

The Panama model is the same as the US model except instruction manual.  
See the information on XR-4400 US model for details.

**Instruction Manual for Models for Panama**

Part No.	Description	Remark
3-756-411-81	MANUAL, INSTRUCTION (ENGLISH, SPANISH)	
3-756-412-81	MANUAL, INSTRUCTION, INSTALL (ENGLISH, SPANISH)	

**3. Correction**

 : indicates corrected portion.

Page	INCORRECT				CORRECT		
	Ref. No.	Part No.	Description	Remark	Part No.	Description	Remark
30	3	3-385-895-61	DOOR, CASSETTE (4402)		3-385-895-31	DOOR, CASSETTE (4402)	
	14 14	A-3252-627-A	PANEL ASSY, FRONT (4400)		A-3252-627-A	PANEL ASSY, FRONT (4400:AMBER)	
					A-3252-638-A	PANEL ASSY, FRONT (4400:GREEN)	
33	S903	1-692-065-11	SWITCH, LEAF (TAPE IN)		1-554-790-21	SWITCH, POWER (TAPE IN)	
	S904	1-554-790-21	SWITCH, POWER (FF/REW)		1-692-065-11	SWITCH, LEAF (FF/REW)	
39	*	A-3295-368-A	SW BOARD, COMPLETE (4400/4401/4402)		* A-3295-368-A	SW BOARD, COMPLETE (4400:AMBER/4401/4402)	
	*	A-3295-390-A	SW BOARD, COMPLETE (4400:AEP)		* A-3295-390-A	SW BOARD, COMPLETE (4400:GREEN)	
41	S903	1-692-065-11	SWITCH, LEAF (TAPE IN)		1-554-790-21	SWITCH, POWER (TAPE IN)	
	S904	1-554-790-21	SWITCH, POWER (FF/REW)		1-692-065-11	SWITCH, LEAF (FF/REW)	

4. The XR-4400 AEP model and the XR-4401 and XR-4402 models have Japanese-made models and French-made models.

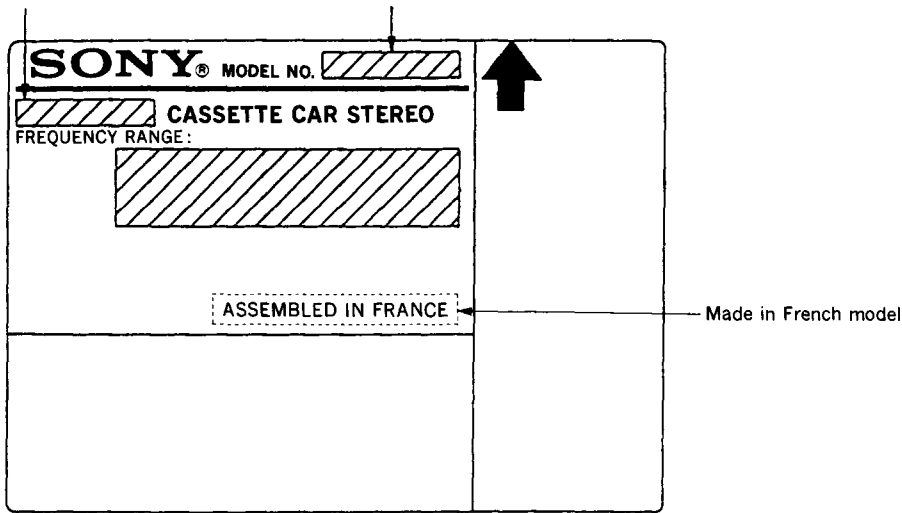
What differs between the models made in Japan and the models made in French is described herein.

1) How to Identify the Models Made in French

• Model Number Label

XR-4400/4402: FM/AM  
XR-4401: FM/MW/LW

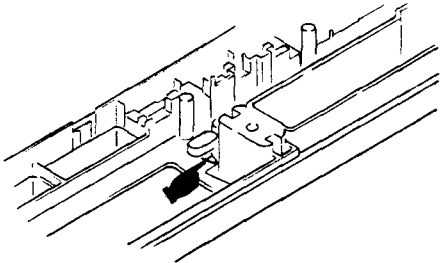
XR-4400: US, Canadian, AEP, E, Panama model  
XR-4401: AEP, UK model  
XR-4402: German model



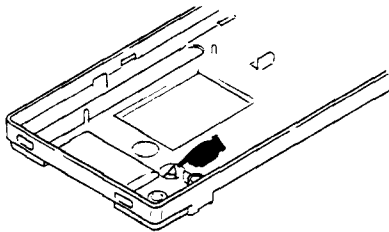
• Panel

The models made in French are marked "A" on the  portion.

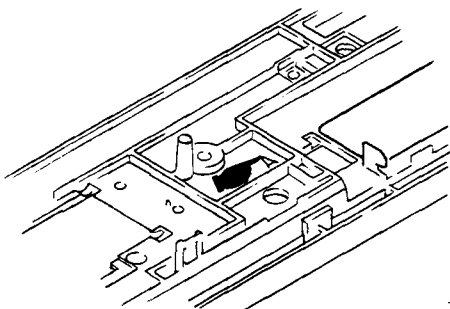
Front panel



Front back panel



Sub panel



2) List of the Differences

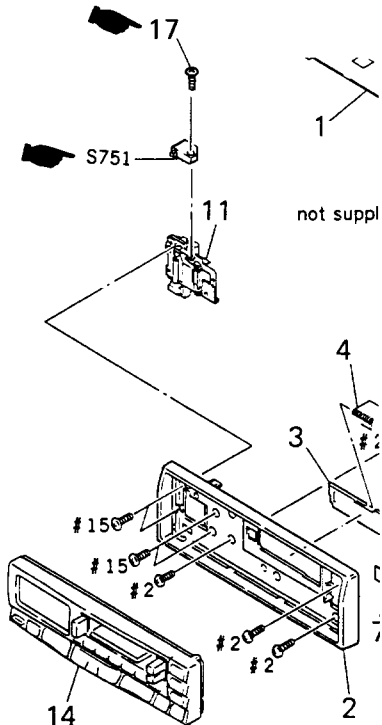
Page	Made in Japan model				Made in French model		
	Ref. No.	Part No.	Description	Remark	Part No.	Description	Remark
30	2	3-384-659-01	PANEL, SUB		3-386-524-01	PANEL, SUB	
	3	3-385-895-21	DOOR, CASSETTE (4401)		3-904-450-71	DOOR, CASSETTE (4401)	
	3	3-385-895-41	DOOR, CASSETTE (4400)		3-904-450-61	DOOR, CASSETTE (4400)	
	3	3-385-895-31	DOOR, CASSETTE (4402)		3-904-450-81	DOOR, CASSETTE (4402)	
	14	A-3252-627-A	PANEL ASSY, FRONT (4400:AMBER)		not supplied		
	14	A-3252-638-A	PANEL ASSY, FRONT (4400:GREEN)		not supplied		
	14	A-3252-640-A	PANEL ASSY, FRONT (4401)		not supplied		
31	59	3-384-641-01	PANEL, FRONT (4400)		3-388-840-01	PANEL, FRONT (4400)	
	59	3-384-641-41	PANEL, FRONT (4402)		3-388-840-21	PANEL, FRONT (4402)	
	59	3-384-641-51	PANEL, FRONT (4401)		3-388-840-11	PANEL, FRONT (4401)	
	62	3-384-651-01	BUTTON (DSPL, 1-6)		3-388-841-01	BUTTON (DSPL, 1-6)	
	70	3-384-643-01	PANEL, FRONT BACK		3-386-520-01	PANEL, FRONT BACK	

5. Change of Switch S751

The switch S715 mounted on RELAY board was deleted on the way of production. It has been changed that this switch is mounted to the Lock Assy.

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Additional Parts



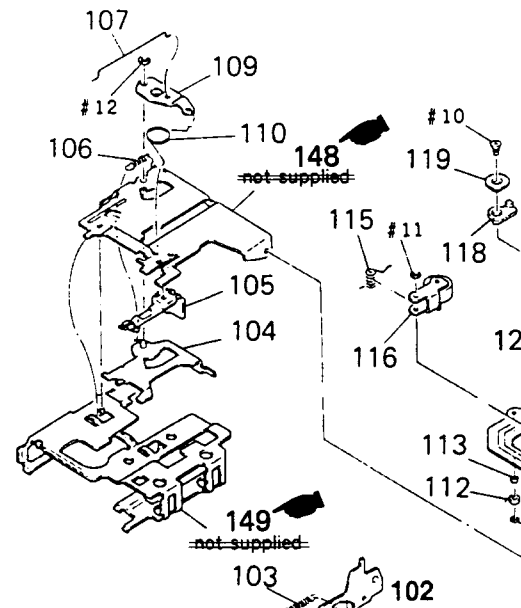
Ref. No.	Part No.	Description	Remark
17	7-627-853-57	PRECISION SCREW +P 2X5 TYPE3	
S751	1-570-771-11	SWITCH (NOSE DET)	

6. Information for Spare Parts

The following parts is available as spare parts.

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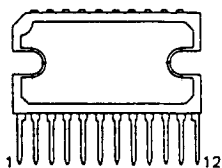
Changed Portion



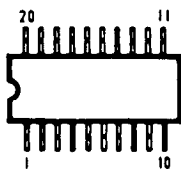
Ref. No.	Part No.	Description	Remark
148	3-357-383-01	HANGER (X), CASSETTE	
149	3-375-384-01	HOLDER (X), CASSETTE	

# SEMICONDUCTOR LEAD LAYOUTS

**BA3910B-V1**

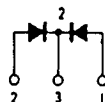
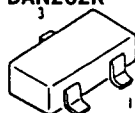


**TDA1579T**

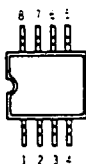


(TOP VIEW)

**DAN202K**

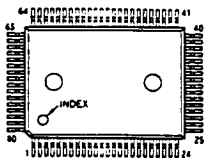


**BA328F  
BA4558F**



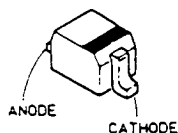
(TOP VIEW)

**μ PD17005GF-673  
-3B9**

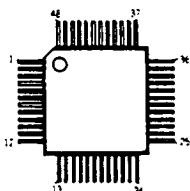


(TOP VIEW)

**DTZ5.1B  
DTZ5.6B**

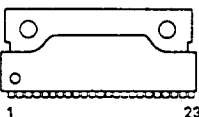


**CXA1646Q**

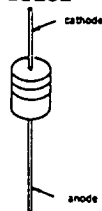


(TOP VIEW)

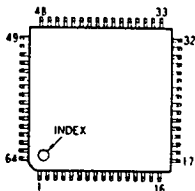
**HA13151**



**RD18ES-B2  
RD4.7ES-B2  
RD6.2ES-B2  
RD7.5ES-B2  
RL254-H21  
1SS119  
11ES2**



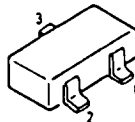
**LC7582**



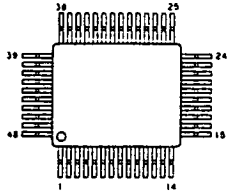
(TOP VIEW)

**DTA114EK  
DTA144EK  
DTC114EK  
DTC144EK  
DTC314TKH04  
2SA1036K-R  
2SA1037K-R  
2SC1623-L5L6  
2SC3624-L18**

**DAP202K**

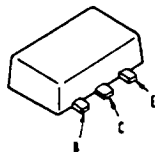


**TA2027F**

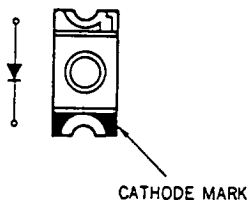


(TOP VIEW)

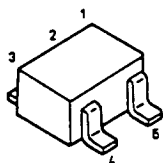
**2SB1115A**



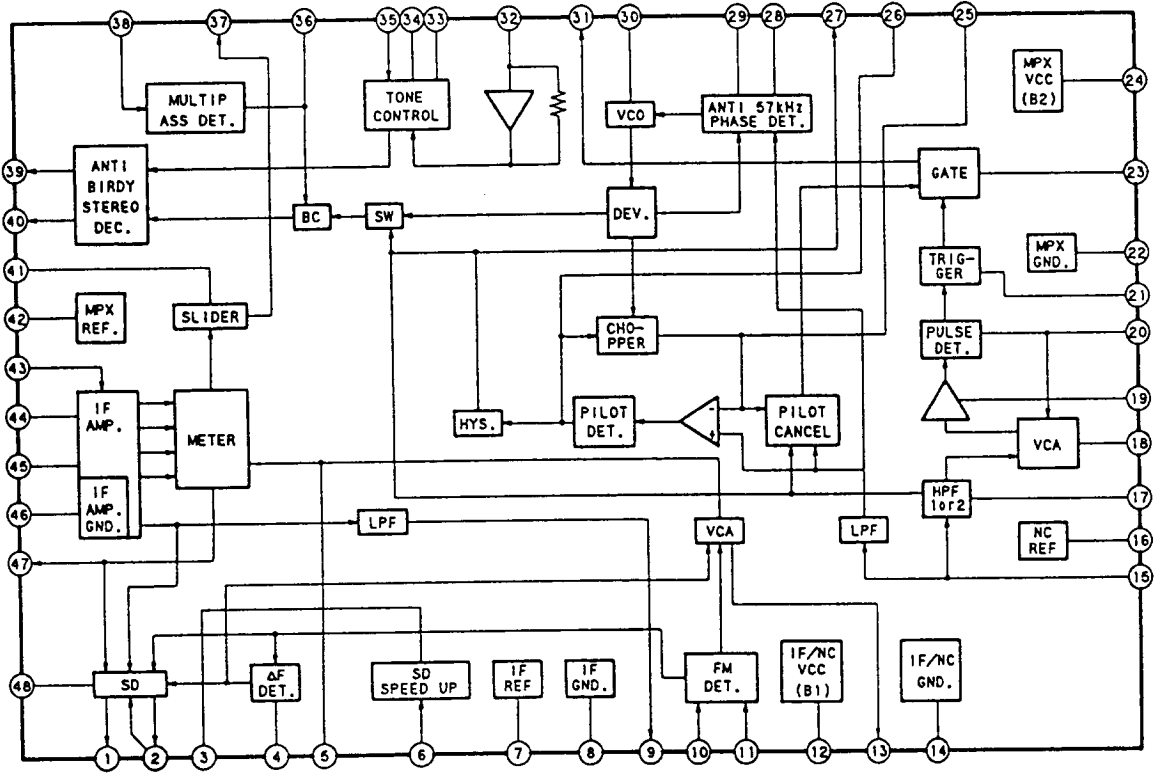
**AY1101W-88  
BG1101W-88**



**TC4S81F**



• IC Block Diagrams  
 IC1 TA2027F



IC801 TDA1579T (XR-4402 only)

