

CDP-C245/C345/C741

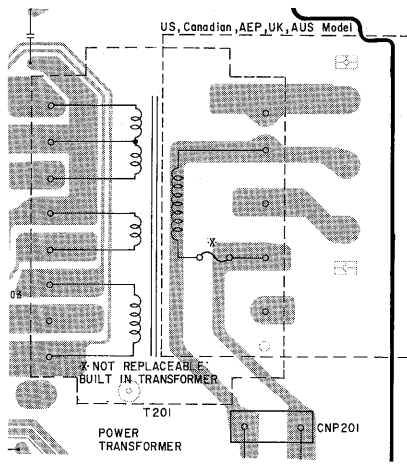
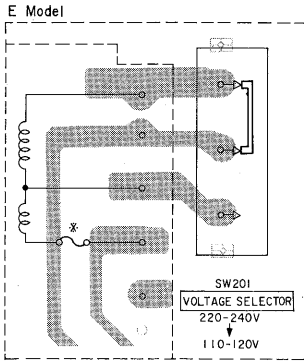
SERVICE MANUAL

Discard CDP-C245/C345/C741
Service Manual (No. 9-959-393-11)
previously issued. This Service Manual
contains it.

US Model
Canadian Model
CDP-C245/C345/C741
AEP Model
UK Model
Australian Model
CDP-C245/C345
E Model
CDP-C345

- CDP-C245/C345/C741 are similar to the earlier CDP-C235.
- Refer to CDP-C235 service manual for information not contained in this service manual.
- Refer to CDP-C245 (UK Model) for CDP-C235 (AEP Model) service manual.
- Refer to CDP-C345 (E Model) for CDP-C235 (US Model) service manual.

5-3. PRINTED WIRING BOARDS (See page 14)

Page	CDP-C235 (US Model)	CDP-C345 (E Model)
14	ADDRESS: B-22 	

COMPACT DISC PLAYER
SONY®

5-4. SCHEMATIC DIAGRAM (See page 18)

Page	CDP-C235 (US Model)	CDP-C345 (E Model)
18	<p>ADDRESS: N-21</p> <p>US, Canadian, AEP, UK, AUS Model</p>	<p>E Model</p>

EXPLODED VIEWS

For CDP-C345 (E Model), refer to the “all destinations” and difference table for E model.

CDP-C245 (All Destinations) Difference Table

Page	CDP-C235 (All Destinations)	CDP-C245 (All Destinations)																																													
21	<table border="1"> <thead> <tr> <th>Ref. No.</th> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>X-4943-510-1</td> <td>PANEL ASSY, FRONT (US, CND)</td> </tr> <tr> <td>9</td> <td>X-4943-511-1</td> <td>PANEL ASSY, FRONT (AEP, AUS)</td> </tr> <tr> <td>11</td> <td>4-957-560-51</td> <td>PANEL, LOADING</td> </tr> </tbody> </table>	Ref. No.	Part No.	Description	9	X-4943-510-1	PANEL ASSY, FRONT (US, CND)	9	X-4943-511-1	PANEL ASSY, FRONT (AEP, AUS)	11	4-957-560-51	PANEL, LOADING	<table border="1"> <thead> <tr> <th>Ref. No.</th> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>X-4944-531-1</td> <td>PANEL ASSY, FRONT (US, CND)</td> </tr> <tr> <td>9</td> <td>X-4944-532-2</td> <td>PANEL ASSY, FRONT (AEP, AUS, UK)</td> </tr> <tr> <td>11</td> <td>4-964-390-11</td> <td>PANEL, LOADING</td> </tr> </tbody> </table>	Ref. No.	Part No.	Description	9	X-4944-531-1	PANEL ASSY, FRONT (US, CND)	9	X-4944-532-2	PANEL ASSY, FRONT (AEP, AUS, UK)	11	4-964-390-11	PANEL, LOADING																					
	Ref. No.	Part No.	Description																																												
	9	X-4943-510-1	PANEL ASSY, FRONT (US, CND)																																												
9	X-4943-511-1	PANEL ASSY, FRONT (AEP, AUS)																																													
11	4-957-560-51	PANEL, LOADING																																													
Ref. No.	Part No.	Description																																													
9	X-4944-531-1	PANEL ASSY, FRONT (US, CND)																																													
9	X-4944-532-2	PANEL ASSY, FRONT (AEP, AUS, UK)																																													
11	4-964-390-11	PANEL, LOADING																																													
22	<table border="1"> <tbody> <tr> <td>* 72</td> <td>4-957-560-51</td> <td>PANEL, BACK (US, CND)</td> </tr> <tr> <td>* 72</td> <td>4-957-560-61</td> <td>PANEL, BACK (AEP)</td> </tr> <tr> <td>* 72</td> <td>4-957-560-31</td> <td>PANEL, BACK (AUS)</td> </tr> <tr> <td>△74</td> <td>1-590-836-11</td> <td>CORD, POWER (US, CND)</td> </tr> <tr> <td>△74</td> <td>1-575-651-21</td> <td>CORD, POWER (AEP)</td> </tr> <tr> <td>△74</td> <td>1-696-845-11</td> <td>CORD, POWER (AUS)</td> </tr> <tr> <td>△74</td> <td>1-575-651-21</td> <td>CORD, POWER (AEP)</td> </tr> </tbody> </table>	* 72	4-957-560-51	PANEL, BACK (US, CND)	* 72	4-957-560-61	PANEL, BACK (AEP)	* 72	4-957-560-31	PANEL, BACK (AUS)	△74	1-590-836-11	CORD, POWER (US, CND)	△74	1-575-651-21	CORD, POWER (AEP)	△74	1-696-845-11	CORD, POWER (AUS)	△74	1-575-651-21	CORD, POWER (AEP)	<table border="1"> <tbody> <tr> <td>* 72</td> <td>4-964-324-51</td> <td>PANEL, BACK (US, CND)</td> </tr> <tr> <td>* 72</td> <td>4-964-324-62</td> <td>PANEL, BACK (AEP)</td> </tr> <tr> <td>* 72</td> <td>4-964-324-92</td> <td>PANEL, BACK (UK)</td> </tr> <tr> <td>* 72</td> <td>4-968-761-01</td> <td>PANEL, BACK (AUS)</td> </tr> <tr> <td>△74</td> <td>1-575-042-21</td> <td>CORD, POWER (US, CND)</td> </tr> <tr> <td>△74</td> <td>1-575-651-21</td> <td>CORD, POWER (AEP)</td> </tr> <tr> <td>△74</td> <td>1-696-845-11</td> <td>CORD, POWER (AUS)</td> </tr> <tr> <td>△74</td> <td>1-751-529-11</td> <td>CORD, POWER (UK)</td> </tr> </tbody> </table>	* 72	4-964-324-51	PANEL, BACK (US, CND)	* 72	4-964-324-62	PANEL, BACK (AEP)	* 72	4-964-324-92	PANEL, BACK (UK)	* 72	4-968-761-01	PANEL, BACK (AUS)	△74	1-575-042-21	CORD, POWER (US, CND)	△74	1-575-651-21	CORD, POWER (AEP)	△74	1-696-845-11	CORD, POWER (AUS)	△74	1-751-529-11	CORD, POWER (UK)
	* 72	4-957-560-51	PANEL, BACK (US, CND)																																												
	* 72	4-957-560-61	PANEL, BACK (AEP)																																												
	* 72	4-957-560-31	PANEL, BACK (AUS)																																												
	△74	1-590-836-11	CORD, POWER (US, CND)																																												
△74	1-575-651-21	CORD, POWER (AEP)																																													
△74	1-696-845-11	CORD, POWER (AUS)																																													
△74	1-575-651-21	CORD, POWER (AEP)																																													
* 72	4-964-324-51	PANEL, BACK (US, CND)																																													
* 72	4-964-324-62	PANEL, BACK (AEP)																																													
* 72	4-964-324-92	PANEL, BACK (UK)																																													
* 72	4-968-761-01	PANEL, BACK (AUS)																																													
△74	1-575-042-21	CORD, POWER (US, CND)																																													
△74	1-575-651-21	CORD, POWER (AEP)																																													
△74	1-696-845-11	CORD, POWER (AUS)																																													
△74	1-751-529-11	CORD, POWER (UK)																																													

CDP-C345 (All Destinations) Difference Table

Page	CDP-C235 (All Destinations)	CDP-C345 (All Destinations)																														
21	<table border="1"> <thead> <tr> <th>Ref. No.</th> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>X-4943-510-1</td> <td>PANEL ASSY, FRONT (US, CND)</td> </tr> <tr> <td>9</td> <td>X-4943-511-1</td> <td>PANEL ASSY, FRONT (AEP, AUS)</td> </tr> <tr> <td>11</td> <td>4-957-557-11</td> <td>PANEL, LOADING</td> </tr> <tr> <td>12</td> <td>4-957-548-11</td> <td>PLATE (FL), INDICATION</td> </tr> </tbody> </table>	Ref. No.	Part No.	Description	9	X-4943-510-1	PANEL ASSY, FRONT (US, CND)	9	X-4943-511-1	PANEL ASSY, FRONT (AEP, AUS)	11	4-957-557-11	PANEL, LOADING	12	4-957-548-11	PLATE (FL), INDICATION	<table border="1"> <thead> <tr> <th>Ref. No.</th> <th>Part No.</th> <th>Description</th> </tr> </thead> <tbody> <tr> <td>9</td> <td>X-4944-529-1</td> <td>PANEL ASSY, FRONT (US, CND)</td> </tr> <tr> <td>9</td> <td>X-4944-530-2</td> <td>PANEL ASSY, FRONT (AEP, UK, AUS, E)</td> </tr> <tr> <td>11</td> <td>4-964-390-01</td> <td>PANEL, LOADING</td> </tr> <tr> <td>12</td> <td>4-957-548-01</td> <td>PLATE (FL), INDICATION</td> </tr> </tbody> </table>	Ref. No.	Part No.	Description	9	X-4944-529-1	PANEL ASSY, FRONT (US, CND)	9	X-4944-530-2	PANEL ASSY, FRONT (AEP, UK, AUS, E)	11	4-964-390-01	PANEL, LOADING	12	4-957-548-01	PLATE (FL), INDICATION
	Ref. No.	Part No.	Description																													
	9	X-4943-510-1	PANEL ASSY, FRONT (US, CND)																													
9	X-4943-511-1	PANEL ASSY, FRONT (AEP, AUS)																														
11	4-957-557-11	PANEL, LOADING																														
12	4-957-548-11	PLATE (FL), INDICATION																														
Ref. No.	Part No.	Description																														
9	X-4944-529-1	PANEL ASSY, FRONT (US, CND)																														
9	X-4944-530-2	PANEL ASSY, FRONT (AEP, UK, AUS, E)																														
11	4-964-390-01	PANEL, LOADING																														
12	4-957-548-01	PLATE (FL), INDICATION																														
22	<table border="1"> <tbody> <tr> <td>* 72</td> <td>4-957-560-51</td> <td>PANEL, BACK (US, CND)</td> </tr> <tr> <td>* 72</td> <td>4-957-560-61</td> <td>PANEL, BACK (AEP)</td> </tr> <tr> <td>* 72</td> <td>4-957-560-31</td> <td>PANEL, BACK (AUS)</td> </tr> </tbody> </table>	* 72	4-957-560-51	PANEL, BACK (US, CND)	* 72	4-957-560-61	PANEL, BACK (AEP)	* 72	4-957-560-31	PANEL, BACK (AUS)	<table border="1"> <tbody> <tr> <td>* 72</td> <td>4-964-324-01</td> <td>PANEL, BACK (US, CND)</td> </tr> <tr> <td>* 72</td> <td>4-964-324-12</td> <td>PANEL, BACK (AEP)</td> </tr> <tr> <td>* 72</td> <td>4-964-324-31</td> <td>PANEL, BACK (AUS)</td> </tr> <tr> <td>* 72</td> <td>4-964-324-22</td> <td>PANEL, BACK (UK)</td> </tr> <tr> <td>* 72</td> <td>4-964-324-41</td> <td>PANEL, BACK (E)</td> </tr> </tbody> </table>	* 72	4-964-324-01	PANEL, BACK (US, CND)	* 72	4-964-324-12	PANEL, BACK (AEP)	* 72	4-964-324-31	PANEL, BACK (AUS)	* 72	4-964-324-22	PANEL, BACK (UK)	* 72	4-964-324-41	PANEL, BACK (E)						
	* 72	4-957-560-51	PANEL, BACK (US, CND)																													
	* 72	4-957-560-61	PANEL, BACK (AEP)																													
	* 72	4-957-560-31	PANEL, BACK (AUS)																													
	* 72	4-964-324-01	PANEL, BACK (US, CND)																													
* 72	4-964-324-12	PANEL, BACK (AEP)																														
* 72	4-964-324-31	PANEL, BACK (AUS)																														
* 72	4-964-324-22	PANEL, BACK (UK)																														
* 72	4-964-324-41	PANEL, BACK (E)																														

CDP-C245/C345 (US, CND Model) Difference Table

Page	CDP-C235/C335 (US, CND Model)			CDP-C245/C345 (US, CND Model)		
	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
23	* 104	4-957-555-01	SHEET, INSULATING			
	105	3-531-576-11	RIVET			

CDP-C741 (US, CND Model) Difference Table

Page	CDP-C235 (US, CND Model)			CDP-C741 (US, CND Model)		
	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
21	9	X-4943-510-1	PANEL ASSY, FRONT	9	X-4943-533-1	PANEL ASSY, FRONT
	11	4-957-560-51	PANEL, LOADING	11	4-964-390-01	PANEL, LOADING
22	* 72	4-957-560-51	PANEL, BACK	* 72	4-964-324-71	PANEL, BACK
23	* 104	4-957-555-01	SHEET, INSULATING			
	105	3-531-576-11	RIVET			

CDP-C345 (E Model) Difference Table

Page	CDP-C235 (US Model)			CDP-C345 (E Model)		
	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
22				△64	1-569-007-11	ADAPTER, CONVERSION 2P
	* 73	3-703-244-00	BUSHING (2104), CORD	* 73	3-703-571-11	BUSHING (S), (4516), CORD
	74	1-590-836-11	CORD, POWER	△74	1-696-027-11	CORD, POWER
23	* 104	4-957-555-01	SHEET, INSULATING			
	105	3-531-576-11	RIVET			
	106	A-4649-656-A	MAIN BOARD, COMPLETE	106	A-4673-014-A	MAIN BOARD, COMPLETE
	△T901	1-423-553-11	TRANSFORMER, POWER	△S201	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE (E)
				△T901	1-423-993-11	TRANSFORMER, POWER

CDP-C245/C345/C741 (Except E Model) Difference Table

Page	CDP-C235 (All Destination)			CDP-C245/C345/C741 (Except E Model)		
	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>
23	△T901	1-423-553-11	TRANSFORMER, POWER (US, CND)	△T901	1-423-872-11	TRANSFORMER, POWER (US, CND)
	△T901	1-423-554-11	TRANSFORMER, POWER (AEP, AUS)	△T901	1-423-992-11	TRANSFORMER, POWER (AEP, AUS, UK)

NOTE:

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

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
CND : Canadian model
AUS : Australian model

ELECTRICAL PARTS LIST
CDP-C245/C345/C741 (All Destinations) Difference Table

Page	CDP-C235			CDP-C245/C345/C741 (All Destinations)		
	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
29	△74	1-590-836-11	CORD, POWER (US, CND)	△74	1-575-042-21	CORD, POWER (US, CND)
	△74	1-575-651-21	CORD, POWER (AEP)	△74	1-575-651-21	CORD, POWER (AEP)
	△74	1-696-845-11	CORD, POWER (AUS)	△74	1-696-845-11	CORD, POWER (AUS)
	△74	1-575-651-21	CORD, POWER (AEP)	△74	1-751-529-11	CORD, POWER (UK)
		3-756-520-11	MANUAL INSTRUCTION		3-758-048-11	MANUAL INSTRUCTION
		3-756-520-21	MANUAL INSTRUCTION			(ENGLISH, FRENCH, SPANISH, CHINESE) (AEP, UK, E)
		3-756-520-31	MANUAL INSTRUCTION		3-758-048-21	MANUAL INSTRUCTION (ENGLISH)
		3-756-520-41	MANUAL INSTRUCTION			(US, CND, AUS)
		3-756-520-61	MANUAL INSTRUCTION		3-758-048-31	MANUAL INSTRUCTION (FRENCH) (CND)
					3-758-048-41	MANUAL INSTRUCTION
						(GERMAN, DUTCH, ITALIAN, PORTUGUESE) (AEP)
					3-758-048-51	MANUAL INSTRUCTION
						(ENGLISH, SWEDISH, FINNISH, DANISH) (AEP)
	*	4-958-473-01	INDIVIDUAL CARTON	*	4-964-766-01	INDIVIDUAL CARTON (C245:US, CND)
				*	4-964-767-01	INDIVIDUAL CARTON (C245:AEP, UK)
				*	4-964-768-01	INDIVIDUAL CARTON
						(C345:US, CND, AUS, E)
				*	4-964-769-01	INDIVIDUAL CARTON (C345:AEP, UK)
				*	4-964-771-01	INDIVIDUAL CARTON (C741)
					1-467-123-11	REMOTE COMANDER (RM-D335) (C345)
					4-959-044-01	COVER BATTERY (For RM-D335) (C345)

CDP-C345 (E Model) Difference Table

Page	CDP-C235 (US Model)			CDP-C345 (E Model)		
	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
26	*	A-4649-656-A	MAIN BOARD, COMPLETE	*	A-4673-014-A	MAIN BOARD, COMPLETE
27				△S201	1-572-675-11	SWITCH, POWER VOLTAGE CHANGE
29				△64	1-569-007-11	ADAPTER, CONVERSION 2P
	△74	1-590-836-11	COAD, POWER	△74	1-696-027-11	COARD, POWER
	△T901	1-423-553-11	TRANSFORMER, POWER	△T901	1-423-993-11	TRANSFORMER, POWER

CDP-C245/C345/C741 (Except E Model) Difference Table

Page	CDP-C235 (All Destination)			CDP-C245/C345/C741 (Except E Model)		
	Ref. No.	Part No.	Description	Ref. No.	Part No.	Description
29	△T901	1-423-553-11	TRANSFORMER, POWER (US, CND)	△T901	1-423-872-11	TRANSFORMER, POWER (US, CND)
	△T901	1-423-554-11	TRANSFORMER, POWER (AEP, AUS)	△T901	1-423-992-11	TRANSFORMER, POWER (AEP, AUS, UK)

NOTE:

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

Les composants identifiés par une marque △ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.

- Items marked “*” are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
- Abbreviation
CND : Canadian model
AUS : Australian model

Sony Corporation
Consumer A&V Products Company
Home A&V Products Div.

English
94F09037-1
Printed in Japan
© 1994. 6

Published by Home A&V Products Div.
Quality Engineering Dept.