

# CDP-X707ES

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## SERVICE MANUAL

*US Model*  
*Canadian Model*  
*AEP Model*

- This set is almost the same as model CDP-X779ES (US,Canadian,AEP) previously produced.  
Therefore, see the service manual for the information which is not contained in this service manual.



COMPACT DISC PLAYER  
**SONY®**

# SECTION 4 EXPLODED VIEWS

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

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	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>	<u>Ref.No</u>	<u>Part No</u>	<u>Description</u>	<u>Remark</u>
	1	X-4941-168-2	PLATE (L) ASSY, SIDE, ORNAMENTAL (US, Canadian, AEP:GOLD)		2	X-4941-168-2	PLATE (L) ASSY, ORNAMENTAL SIDE (US AEP, G:GOLD)	
	2	X-4941-204-1	PLATE (L) ASSY, SIDE, ORNAMENTAL (AEP:BLACK)		2	X-4941-204-1	PLATE (L) ASSY, ORNAMENTAL SIDE (AEP, G:BLACK)	
	* 3	4-928-061-31	PLATE (LEFT), SIDE (US, Canadian, AEP:GOLD)		* 3	4-928-061-31	PLATE (LEFT), SIDE (US, AEP, G:GOLD)	
	* 3	4-928-061-21	PLATE (LEFT), SIDE (AEP:BLACK)		3	4-928-061-21	PLATE (LEFT), SIDE (Canadian, AEP, G:BLACK)	
	4	X-4934-014-1	KNOB, (POWER) ASSY (AEP:BLACK)		4	X-4934-014-1	KNOB (POWER) ASSY (Canadian AEP, G:BLACK)	
	4	X-4941-629-1	KNOB, (POWER) ASSY (US, Canadian, AEP:GOLD)		4	X-4941-629-1	KNOB (POWER) ASSY (US, AEP, G:GOLD)	
	6	4-950-058-01	KNOB, VOLUME (AEP:BLACK)		6	4-950-058-01	KNOB, VOLUME (Canadian AEP, G:BLACK)	
	6	4-950-058-11	KNOB, VOLUME (US, Canadian, AEP:GOLD)		6	4-950-058-11	KNOB, VOLUME (US, AEP, G:GOLD)	
	8	4-928-028-01	BASE, FOOT (AEP:BLACK)		8	4-928-028-01	BASE, FOOT (Canadian AEP, G:BLACK)	
	8	4-928-028-11	BASE, FOOT (US, Canadian, AEP:GOLD)		8	4-928-028-11	BASE, FOOT (US, AEP, G:GOLD)	
	10	X-4941-169-2	PLATE (R) ASSY, SIDE, ORNAMENTAL (US, Canadian, AEP:GOLD)		10	X-4941-169-2	PLATE (R) ASSY, ORNAMENTAL (US, AEP, G:GOLD)	
	10	X-4941-205-1	PLATE (R) ASSY, SIDE, ORNAMENTAL (AEP:BLACK)		10	X-4941-205-1	PLATE (R) ASSY, ORNAMENTAL SIDE (AEP, G:BLACK)	
	* 11	4-928-062-31	PLATE (RIGHT), SIDE (US, Canadian, AEP:GOLD)		* 11	4-928-062-31	PLATE (RIGHT), SIDE (US, AEP, G:GOLD)	
	* 11	4-928-062-21	PLATE (RIGHT), SIDE (AEP:BLACK)		11	4-928-062-21	PLATE (RIGHT), SIDE (Canadian, AEP, G:BLACK)	
	* 13	4-928-020-01	PLATE, TOP (AEP:BLACK)		13	4-928-020-01	PLATE, TOP (Canadian, AEP, G:BLACK)	
	* 13	4-928-020-11	PLATE, TOP (US, Canadian, AEP:GOLD)		13	4-928-020-11	PLATE, TOP (US, AEP, G:GOLD)	
	14	4-924-237-01	ESCUTCHEON (A) (US, Canadian, AEP:GOLD)		14	4-924-237-01	ESCUTCHEON (US, AEP, G:GOLD)	
	14	4-924-237-11	ESCUTCHEON (A) (AEP:BLACK)		14	4-924-237-11	ESCUTCHEON (Canadian, AEP, G:BLACK)	
	15	4-924-242-01	SCREW (M3x6), FLAT HEAD (US, Canadian, AEP:GOLD)		15	4-924-242-01	SCREW (M3x6), FLAT HEAD (US, AEP, G:GOLD)	
	15	4-924-242-11	SCREW (M3x6), FLAT HEAD (AEP:BLACK)		15	4-924-242-11	SCREW (M3x6), FLAT HEAD (Canadian, AEP, G:BLACK)	
					17	4-389-350-01	CUSHION, CRT	
34	52	4-947-969-01	PLATE, ORNAMENTAL (US, Canadian, AEP:GOLD)		52	4-947-969-01	PLATE, ORNAMENTAL (US, AEP, G:GOLD)	
	52	4-947-969-11	PLATE, ORNAMENTAL (AEP:BLACK)		52	4-947-969-11	PLATE, ORNAMENTAL (AEP, G:BLACK)	
	55	4-928-038-01	ESCUTCHEON (POWER) (AEP:BLACK)		55	4-928-038-01	ESCUTCHEON (POWER) (Canadian, AEP, G:BLACK)	
	55	4-928-038-11	ESCUTCHEON (POWER) (US, Canadian, AEP:GOLD)		55	4-928-038-11	ESCUTCHEON (POWER) (US, AEP, G:GOLD)	

G:German model

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.

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Page	CDP-X779ES				CDP-X707ES				
	Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark	
34	56	4-942-459-01	ESCUTCHEON, KNOB (AEP :BLACK)		56	4-942-459-01	ESCUTCHEON, KNOB (Canadian, AEP, G:BLACK)		
	56	4-942-459-11	ESCUTCHEON, (KNOB) (US, Canadian, AEP:GOLD)		56	4-942-459-11	ESCUTCHEON, KNOB (US, AEP, G:GOLD)		
	57	4-947-968-01	BUTTON (DIA. 3) (US, Canadian, AEP:GOLD)		57	4-947-968-01	BUTTON (DIA. 3) (US, AEP, G:GOLD)		
	57	4-947-986-11	BUTTON (DIA. 3) (AEP :BLACK)		57	4-947-986-11	BUTTON (DIA. 3) (Canadian, AEP, G:BLACK)		
	59	X-4941-984-1	PANEL (BASE) ASSY (US, Canadian, AEP:GOLD)		59	X-4941-984-1	PANEL (BASE) ASSY (US, AEP, G:GOLD)		
	59	X-4942-323-1	PANEL (BASE) ASSY (AEP :BLACK)		59	X-4942-323-1	PANEL (BASE) ASSY (Canadian, AEP, G:BLACK)		
	60	4-908-848-21	EMBLM, SONY (US, Canadian, AEP:GOLD)		60	4-908-848-21	EMBLM, SONY (US, AEP, G:GOLD)		
	60	4-908-848-01	EMBLM, SONY (AEP :BLACK)		60	4-908-848-01	EMBLM, SONY (Canadian, AEP, G:BLACK)		
	61	4-947-760-01	PANEL, FRONT (US, Canadian, AEP:GOLD)		61	4-955-076-11	PANEL, FRONT (AEP, G:BLACK)		
	61	4-947-960-11	PANEL, FRONT (AEP :BLACK)		61	4-955-076-31	PANEL, FRONT (US)		
					61	4-955-076-41	PANEL, FRONT (AEP, G:GOLD)		
	66	A-4604-931-A	KNOB, ASSY (US, Canadian, AEP:GOLD)		61	4-955-076-51	PANEL, FRONT (Canadian)		
	66	A-4660-038-A	KNOB, ASSY (AEP :BLACK)		66	A-4604-931-A	KNOB ASSY (US, AEP, G:GOLD)		
					66	A-4660-038-A	KNOB ASSY (Canadian, AEP, G:BLACK)		
	67	4-947-958-01	CAP (S), KNOB (US, Canadian, AEP:GOLD)		67	4-947-958-01	CAP (S), KNOB (US, AEP, G:GOLD)		
	67	4-947-918-31	CAP (S), KNOB (AEP:BLACK)		67	4-947-918-31	CAP (S), KNOB (Canadian, AEP G:BLACK)		
	68	4-947-957-01	CAP (L), KNOB (US, Canadian, AEP:GOLD)		68	4-947-957-01	CAP (L), KNOB (US, AEP G:GOLD)		
	68	4-947-957-11	CAP (L), KNOB (AEP:BLACK)		68	4-947-957-11	CAP (L), KNOB (Canadian, AEP, G:BLACK)		
	69	4-947-958-11	CAP (S), KNOB (US, Canadian, AEP:GOLD)		69	4-947-958-11	CAP (S), KNOB (US, AEP G:GOLD)		
	69	4-947-958-51	CAP (L), KNOB (AEP:BLACK)		69	4-947-958-51	CAP (S), KNOB (Canadian AEP, G:BLACK)		
	70	4-947-958-21	CAP (L), KNOB (US, Canadian, AEP:GOLD)		70	4-947-958-21	CAP (S), KNOB (US, AEP, G:GOLD)		
	70	4-947-958-41	CAP (L), KNOB (AEP:BLACK)		70	4-947-958-41	(Canadian, AEP, G:BLACK)		
	35	* 102	A-4649-184-A	D POWER BOAD, COMPLETE		* 102	A-4649-549-A	D POWER BOAD, COMPLETE	
		* 103	A-4649-697-A	AU POWER BOAD, COMPLETE		* 103	A-4649-522-A	AU POWER BOAD, COMPLETE	
		* 115	4-947-973-22	PANEL, BLACK (AEP:BLACK)		* 115	4-955-062-21	PANEL, BLACK (AEP, G:BLACK)	
		* 115	4-947-973-42	PANEL, BLACK (AEP:GOLD)		* 115	4-955-062-41	PANEL, BLACK (AEP, G:GOLD)	
		* 115	4-947-973-52	PANEL, BLACK (Canadian)		* 115	4-955-062-51	PANEL, BLACK (Canadian)	
* 115		4-947-973-32	PANEL, BLACK (US)		* 115	4-955-062-31	PANEL, BLACK (US)		
△ 117		1-558-568-21	CORD, POWER (AEP)		△ 117	1-558-568-21	CORD, POWER (AEP, G)		
* 118		A-4649-018-A	AUDIO BOARD, COMPLETE		* 118	A-4649-523-A	AUDIO BOARD, COMPLETE		
* 121		1-642-213-11	HP (B) BOARD (US, Canadian, AEP:GOLD)		* 121	1-642-213-11	HP (B) BOARD (US, AEP, G:GOLD)		
* 121		1-641-759-11	HP BOARD (AEP:BLACK)		* 121	1-641-759-11	HP BOARD (Canadian AEP, G:BLACK)		
127		4-947-966-01	PANEL, LOADING (US, Canadian, AEP:GOLD)		127	4-955-071-01	PANEL, LOADING (US, AEP, G:GOLD)		
127		4-947-966-11	PANEL, LOADING (AEP:BLACK)		127	4-955-071-11	PANEL, LOADING (Canadian AEP, G:BLACK)		
* 133		3-575-524-00	COVER, POWER SWITCH						
* 134		4-923-873-01	BRACKET, CORD, STOPPER (AEP:BLACK)		* 134	4-923-873-01	BRACKET, CORD, STOPPER (Canadian AEP, G:BLACK)		
* 134		4-923-873-11	BRACKET, CORD, STOPPER (AEP:GOLD)		* 134	4-923-873-11	BRACKET, CORD, STOPPER (US, AEP, G:GOLD)		
△ PT901		1-450-775-11	TRANSFORMER, POWER (US, Canadian)		△ PT901	1-450-775-21	TRANSFORMER, POWER (US, Canadian)		
△ PT902		1-450-776-11	TRANSFORMER, POWER (AEP)		△ PT901	1-450-775-21	TRANSFORMER, POWER (AEP, G)		

G:German model

The components identified by mark $\Delta$ or dotted line with mark $\Delta$ are critical for safety. Replace only with part number specified.	Les composants identifiés par une marque $\Delta$ sont critiques pour la sécurité. Ne les remplacer que par une pièce portant le numéro spécifié.
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	Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
	151	4-948-353-01	TABLE, DISK (APE;BLACK)		151	4-948-353-01	TABLE, DISK (Canadian, AEP, G;BLACK)	
	151	4-948-353-11	TABLE, DISK (US, Canadian, APE;GOLD)		151	4-948-353-11	TABLE, DISK (US, AEP, G;BLACK)	
	166	A-4604-912-A	MAGNET ASSY		166	A-4660-292-A	MAGNET ASSY	
	167	A-4604-913-A	LOCK(L) ASSY, STABLE		167	A-4660-258-A	LEVER (L) (STABLE LOCK) ASSY	
	168	A-4604-914-A	LOCK (R) ASSY, STABLE		168	A-4660-259-A	LEVER (R) (STABLE LOCK) ASSY	
					172	X-4943-147-2	DAMPER (STABLE LOCK3) ASSY	
37	* 225	A-4649-006-A	SERVO(1) (A) BOARD, COMPLETE		* 225	A-4649-487-A	SERVO(1) (A) BOARD, COMPLETE	

## SECTION 5 ELECTRICAL PARTS LIST

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38	Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
		A-4649-017-A	AU POWER BOARD COMPLETE *****			*A-4649-522-A	AU POWER BOARD COMPLETE *****	
			<CAPACITOR>				<CAPACITOR>	
	C910	1-136-177-00	FILM 1uF 5% 50V		C910	1-104-645-91	CERAMIC 1uF 5% 50V	
	C911	1-106-343-00	MYLAR 1000PF 5% 200V		C911	1-107-169-00	MICA 1000PF 5% 500V	
	C913	1-130-495-00	MYLAR 0.1uF 5% 50V		C913	1-107-169-00	MICA 1000PF 5% 500V	
	C921	1-136-177-00	CERAMIC 1uF 5% 50V		C921	1-104-645-91	CERAMIC 1uF 20% 50V	
	C922	1-106-343-00	MICA 1000PF 5% 200V		C922	1-107-169-00	MICA 100P 500V	
	C925	1-107-202-00	MICA 10PF 5% 500V		C925	1-107-042-00	MICA 2.2P 500V	
	C933	1-130-169-00	MYLAR 0.1uF 5% 500V		C933	1-107-169-00	MICA 100P 500V	
	C945	1-107-202-00	MICA 10PF 5% 500V		C925	1-107-042-00	MICA 2.2P 500V	
39			< RESISTOR >				< RESISTOR >	
	△ R900	1-212-877-11	FUSIBLE 68 5% 1/4W		△ R900	1-219-018-11	FUSIBLE 68 5% 1/2W F	
	△ R910	1-212-875-00	FUSIBLE 56 5% 1/4W		△ R910	1-212-976-00	FUSIBLE 56 5% 1/2W F	

G:German model

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47	Ref.No	Part No	Description	Remark	Ref.No	Part No	Description	Remark
			< IC >				< IC >	
	IC801	8-759-167-74	IC MSC62408-039GS-V1K		IC801	8-759-167-74	IC MSC62408-101GS-V1K	
	*	1-642-213-11	HP(B)BOARD (US, Canadian, AEP:GOLD) *****		*	1-642-213-11	HP (B) BOARD (US, AEP, G:GOLD) *****	
	*	1-164-759-11	HP BOARD (AEP:BLACK) *****		*	1-164-759-11	HP BOARD (AEP, G, Canadian:BLACK) *****	
48	*A-4649-487-A		SERVO (1) (A) BOARD, COMPLETE *****		*A-4649-487-A		SERVO (1) (A) BOARD, COMPLETE *****	
			< IC >				< IC >	
	IC142	8-759-981-92	IC RC4558M		IC142	8-759-700-43	IC NJM4558M	
	IC151	80759-981-91	IC RC4558M		IC151	8-759-700-43	IC NJM4558M	
	IC151	80759-981-91	IC RC4558M		IC152	8-759-700-43	IC NJM4558M	
	IC301	8-759-069-47	IC M37451M8-174FP		IC301	8-759-165-54	IC M3745M8-282FP	
49			< RESISTOR >				< RESISTOR >	
	R143	1-216-073-00	METAL CHIP 10k 5% 1/10W		R413	1-216-072-00	METAL CHIP 9.1k 5% 1/10W	
	R191	1-216-295-00	METAL CHIP 0 5% 1/10W					
	R152	1-216-295-00	METAL CHIP 0 5% 1/10W					
	R319	1-216-073-00	METAL CHIP 10k 5% 1/10W					
50	ACCESSORIES & PACKING MATERIALS *****				ACCESSORIES & PACKING MATERIALS *****			
	Δ117	1-588-568-21	CORD, POWER (AEP)		Δ117	1-588-568-21	CORD, POWER (AEP, G)	
	ΔPT901	1-450-775-11	TRANSFORMER, POWER (US, Canadian)		ΔPT901	1-450-775-21	TRANSFORMER, POWER (US, Canadian)	
	ΔPT902	1-450-776-11	TRANSFORMER, POWER (AEP)		ΔPT901	1-450-775-21	TRANSFORMER, POWER (AEP, G)	
		1-465-871-11	REMOTE COMMANDER (RM-D995) (US, Canadian, AEP:GOLD)			1-465-871-11	REMOTE COMMANDER (RM-D995) (US, AEP, G:GOLD)	
		1-465-872-11	REMOTE COMMANDER (RMD996) (AEP:BLACK)			1-465-872-11	REMOTE COMMANDER (RM-D996) (Canadian, AEP, G:BLACK)	
		1-558-271-11	CORD, CONNECTION			1-590-861-11	CORD CONNECTION	
		3-707-584-01	COVER, BATTERY (AEP:BLACK)			3-707-584-01	COVER, BATTERY (Canadian, AEP, G:BLACK)	
		3-707-584-01	COVER, BATTERY (US, Canadian, AEP:GOLD)			3-707-584-11	COVER, BATTERY (US, AEP, G:GOLD)	
		3-750-090-01	INSTRUCTION (Canadian)			3-755-831-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (Canadian, AEP)	
		3-750-411-11	MANUAL, INSTRUCTION			3-755-831-21	MANUAL, INSTRUCTION (ENGLISH) (US)	
		3-754-116-11	MANUAL, INSTRUCTION (ENGLISH, FRENCH, SPANISH, PORTUGUESE) (Canadian, AEP)			3-755-831-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP)	
		3-754-116-21	MANUAL, INSTRUCTION (ENGLISH) (US)			3-755-831-71	MANUAL, INSTRUCTION (GERMAN) (G)	
		3-754-116-41	MANUAL, INSTRUCTION (GERMAN, DUTCH, SWEDISH, ITALIAN) (AEP)			4-847-802-00	SCREW (Canadian, AEP, G:BLACK)	
		3-759-629-11	INSTRUCTION (AEP)			4-847-802-11	SCREW (US, AEP, G:GOLD)	
		4-847-802-00	SCREW		*	4-956-948-01	INDIVIDUAL CARTON	
	*	4-941-548-01	LABEL, CLASS1 (AEP)					
	*	4-951-272-01	INDIVIDUAL CARTON					

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