

SECTION 7

REPAIR PARTS LIST

7-1. EXPLODED VIEWS

NOTE:

- -XX and -X mean standardized parts, so they may have some difference from the original one.
 - Color Indication of Appearance Parts
Example:
KNOB, BALANCE (WHITE) . . . (RED)
- ↑

Parts Color

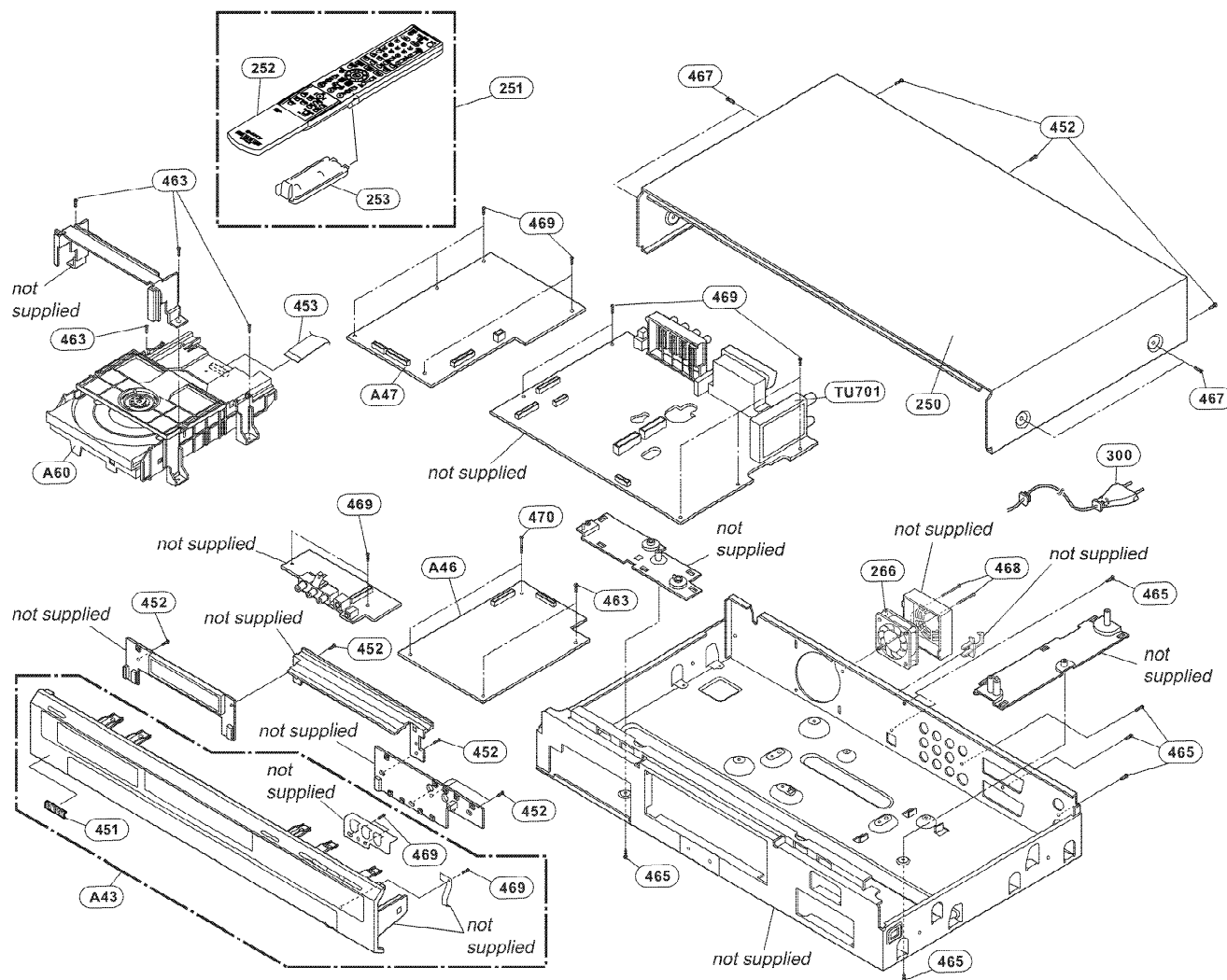
↑

Cabinet's Color
- Items marked "*" are not stocked since they are seldom required for routine service. Some delay should be anticipated when ordering these items.
 - The mechanical parts with no reference number in the exploded views are not supplied.
 - Accessories and packing materials are given in the last of the electrical parts list.

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

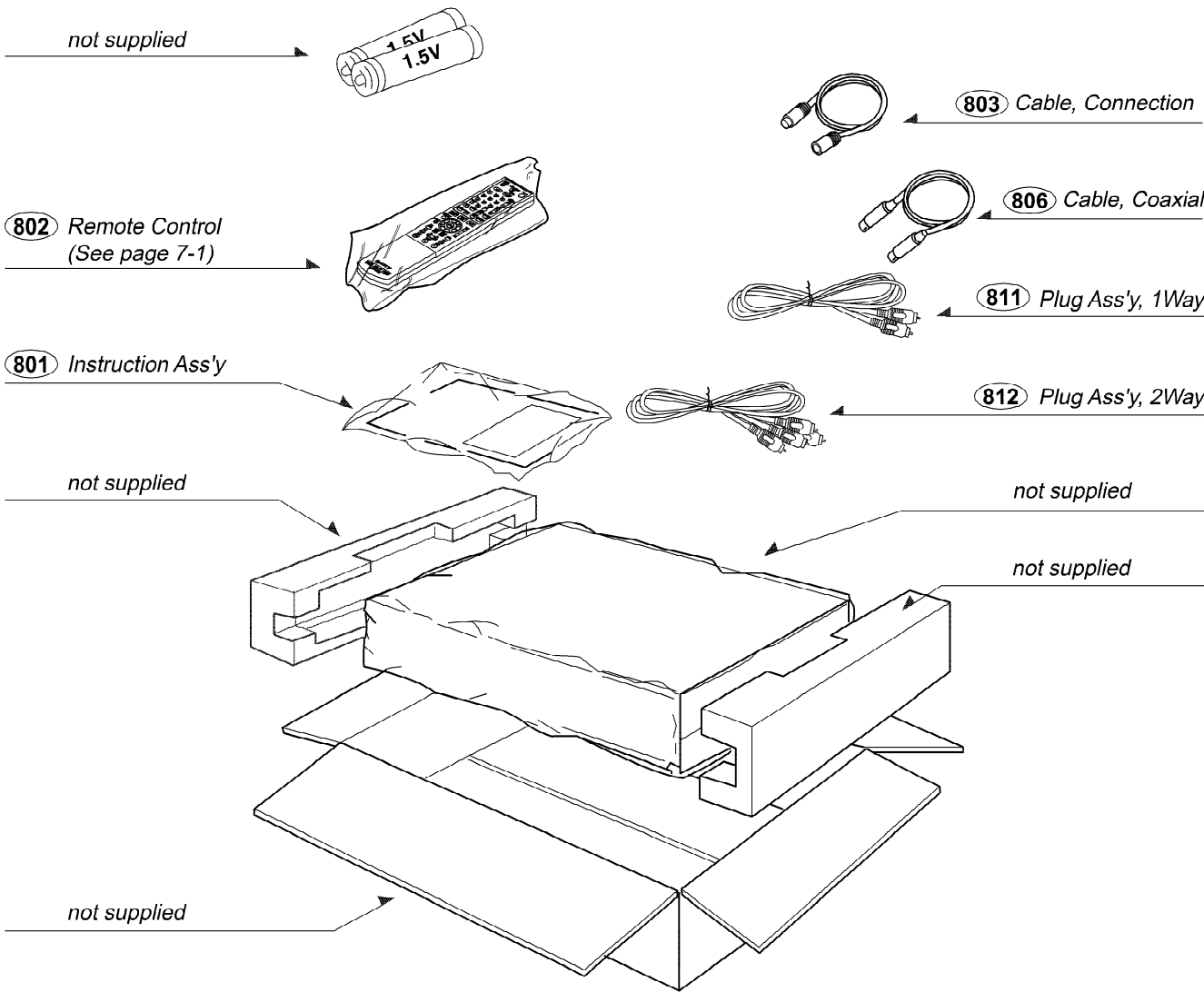
AEP1: France, Germany, Italy, Swiss, Belgie, Nether lands, Austria
AEP2: Spain, Portugal, Denmark, N.Euro (Hungary, Czech, Poland, Greece)

7-1-1. CABINET AND MAIN FRAME SECTION



<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>
250	9-885-077-76	CASE, TOP (EXCEPT AEP1: BLACK)		467	9-885-079-33	SIDE SCREW, 3X8 (AEP1: BLACK)	
250	9-885-079-34	CASE, TOP (AEP1: BLACK)		468	9-885-077-99	SCREW, 3X20	
251	1-479-164-11	REMOTE COMMANDER (RMT-D215P)		469	9-885-078-07	SCREW, 3X6.5	
252	2-187-643-21	DOOR (RW2), SLIDE (for RMT-D215P)		470	9-885-078-08	SCREW, 3X24	
253	3-071-119-91	COVER, BATTERY (for RMT-D215P)		A43	A-1107-507-A	FRONT PANEL ASSY (UK)	
266	9-885-078-05	FAN, DC		A43	A-1110-125-A	FRONT PANEL ASSY (AEP1: SILVER, AEP2)	
300	9-885-079-14	POWER CORD (AEP1: BLACK, UK)		A43	A-1110-320-A	FRONT PANEL ASSY (AEP1: BLACK)	
300	9-885-079-15	POWER CORD (AEP1: SILVER, AEP2)		A47	A-1107-516-A	SMPS BOARD, COMLETE (AEP1: BLACK, UK)	
451	3-066-225-01	SONY BADGE (5-A)		A47	A-1110-302-A	SMPS BOARD, COMLETE	
452	9-885-077-95	SCREW, 3X10				(AEP1: SILVER, AEP2)	
453	9-885-079-06	CABLE, FLAT		A46	A-1107-517-A	MAIN BOARD, COMLETE	
463	9-885-077-75	SCREW, 3X8		A60	A-1107-514-A	DECK ASSY, VIDEO	
465	9-885-077-98	SCREW, 3X10BK		TU701	9-885-078-86	TUNER TADM-M901D (EXCEPT AEP1: SILVER)	
467	9-885-077-74	SIDE SCREW, 3X8 (EXCEPT AEP1: BLACK)		TU701	9-885-078-87	TUNER TADM-S101D (AEP1: SILVER)	

7-1-2. PACKING ACCESSORY SECTION



Ref. No.	Part No.	Description	Remark
801	2-548-696-11	MANUAL, INSTRUCTION (ENGLISH) (UK)	
801	2-548-697-11	MANUAL, INST (FRENCH) (AEP1)	
801	2-548-697-21	MANUAL, INST (GERMAN) (AEP1)	
801	2-548-697-31	MANUAL, INST (ITALIAN) (AEP1)	
801	2-548-697-41	MANUAL, INST (DUTCH) (AEP1)	
801	2-548-698-11	MANUAL, INST (SPANISH) (AEP2)	
801	2-548-698-21	MANUAL, INST (PORTUGUESE) (AEP2)	
801	2-548-698-31	MANUAL, INST (SWEDISH) (AEP2)	

Ref. No.	Part No.	Description	Remark
801	2-548-698-41	MANUAL, INST (DANISH) (AEP2)	
801	2-548-698-51	MANUAL, INST (FINNISH) (AEP2)	
802	1-479-164-11	REMOTE COMMANDER (RMT-D215P)	
803	1-696-593-11	CORD, CONNECTION (PAL)	
806	9-885-078-16	CABLE RF	
811	9-885-078-17	CABLE 1WAY	
812	9-885-078-18	CABLE 2WAY	

7-2. 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
- Not all of the parts are listed.
AEP1: France, Germany, Italy, Swiss, Belgic, Nether lands, Austria
AEP2: Spain, Portugal, Denmark, N.Euro (Hungary, Czech, Poland, Greece)
- 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 Δ or dotted line with mark Δ 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	Ref. No.	Part No.	Description	Remark
		KEY BOARD *****					
		< LED >					
LD1	9-885-078-31	LED SA3417 (TIMER REC)		ZD713	9-885-078-28	DIODE Z02W6.8V	
LD2	9-885-066-42	LED SY3517 (PROGRESSIVE)		ZD714	9-885-078-28	DIODE Z02W6.8V	
		< IC >					
RC901	9-885-046-90	IC TSOP2240SB1		ZD715	9-885-078-28	DIODE Z02W6.8V	
		< TRANSISTOR >		ZD716	9-885-078-28	DIODE Z02W6.8V	
Q951	9-885-039-09	TRANSISTOR KSR1003		ZD717	9-885-078-28	DIODE Z02W6.8V	
Q953	9-885-039-09	TRANSISTOR KSR1003		ZD718	9-885-078-28	DIODE Z02W6.8V	
		< SWITCH >		ZD719	9-885-078-28	DIODE Z02W6.8V	
SW901	1-572-184-21	SWITCH, TACT (▶▶)					
SW902	1-572-184-21	SWITCH, TACT (◀◀)		ZD720	9-885-078-28	DIODE Z02W6.8V	
SW903	1-572-184-21	SWITCH, TACT (PROGRAM+)		ZD721	9-885-078-28	DIODE Z02W6.8V	
SW904	1-572-184-21	SWITCH, TACT (PROGRAM -)		ZD722	9-885-078-28	DIODE Z02W6.8V	
SW905	1-572-184-21	SWITCH, TACT (△)		ZD723	9-885-078-28	DIODE Z02W6.8V	
				ZD724	9-885-078-28	DIODE Z02W6.8V	
SW906	1-572-184-21	SWITCH, TACT (▷)					
SW907	1-572-184-21	SWITCH, TACT (◻)		ZD725	9-885-078-28	DIODE Z02W6.8V	
SW908	1-572-184-21	SWITCH, TACT (■)		ZD726	9-885-078-28	DIODE Z02W6.8V	
SW909	1-572-184-21	SWITCH, TACT (●REC)		ZD727	9-885-078-28	DIODE Z02W6.8V	
				ZD728	9-885-078-28	DIODE Z02W6.8V	
				ZD729	9-885-078-28	DIODE Z02W6.8V	
				ZD730	9-885-078-28	DIODE Z02W6.8V	
				ZD731	9-885-078-29	DIODE Z02W13V	
				ZD732	9-885-078-28	DIODE Z02W6.8V	
				ZD733	9-885-078-29	DIODE Z02W13V	
				ZD734	9-885-078-28	DIODE Z02W6.8V	
				ZD735	9-885-078-28	DIODE Z02W6.8V	
				ZD736	9-885-078-28	DIODE Z02W6.8V	
						< IC >	
				IC501	9-885-079-16	IC MICRO CONTROLLER	(AEP1:SILVER, AEP2)
				IC502	8-759-971-11	IC PST529D	
				IC503	9-885-032-96	IC KIA7031P	
				IC504	8-759-098-19	IC MM1109XS	
				IC505	9-885-078-54	IC S524A60X51-SCT0	
				IC701	6-702-714-01	IC MSP3417G-QG-B8V3	
				IC702	9-885-078-51	IC CS4271-CZZ	
				IC703	8-759-450-93	IC NJM2521M-TE1	
				IC704	8-759-450-93	IC NJM2521M-TE1	
				IC705	8-759-274-73	IC NJM5532M (TE2)	
				IC706	9-885-078-50	IC MC33202DR2	
				IC707	9-885-078-50	IC MC33202DR2	
				IC708	9-885-041-64	IC MM1623XFB	
				IC709	9-885-044-28	IC MM1443XJBE	
				IC710	8-759-567-33	IC MM1225XFB	
				IC711	8-759-567-33	IC MM1225XFB	

I/O	JACK	MAIN	TIMER	SMP
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Ref. No.	Part No.	Description	Remark
IC712	8-759-567-33	IC MM1225XFBE	
IC801	8-759-484-61	IC SDA5650X-GEG	
IC802	6-702-334-01	IC MM1510XNRE	
< JACK >			
JK702	9-885-079-11	IC JST1164 (DIGITAL OUT OPTICAL)	
< TRANSISTOR >			
Q501	9-885-039-73	TRANSISTOR KTA1514-GR	
Q503	9-885-073-69	TRANSISTOR KTC3875S-GR	
Q504	9-885-039-73	TRANSISTOR KTA1514-GR	
Q701	9-885-073-69	TRANSISTOR KTC3875S-GR	
		(AEP1:SILVER, AEP2)	
Q702	9-885-073-69	TRANSISTOR KTC3875S-GR	
		(AEP1:SILVER, AEP2)	
Q705	9-885-039-73	TRANSISTOR KTA1514-GR	
Q708	9-885-073-69	TRANSISTOR KTC3875S-GR	
		(AEP1:SILVER)	
Q709	9-885-073-69	TRANSISTOR KTC3875S-GR	
		(AEP1:SILVER, AEP2)	
Q710	9-885-073-69	TRANSISTOR KTC3875S-GR	
		(AEP1:SILVER)	
< TUNER UNIT >			
TU701	9-885-078-86	TUNER TADM-M901D (EXCEPT AEP1:SILVER)	
TU701	9-885-078-87	TUNER TADM-S101D (AEP1:SILVER)	
< VIBRATOR >			
X501	9-885-033-43	RESONATOR, CRYSTAL (10MHz)	
X502	1-767-317-11	VIBRATOR, CRYSTAL (32.768kHz)	
X701	9-885-041-75	RESONATOR, CRYSTAL (18.432MHz)	
JACK BOARD			

< JACK >			
JK905	9-885-078-95	CONNECTOR, USB (DV IN)	
< DIODE >			
ZD901	9-885-078-32	DIODE GDZJ5.6B	
ZD902	9-885-078-32	DIODE GDZJ5.6B	
ZD903	9-885-078-32	DIODE GDZJ5.6B	
ZD904	9-885-078-32	DIODE GDZJ5.6B	
ZD905	9-885-078-32	DIODE GDZJ5.6B	
ZD906	9-885-078-32	DIODE GDZJ5.6B	
ZD907	9-885-078-32	DIODE GDZJ5.6B	
ZD908	9-885-078-32	DIODE GDZJ5.6B	
ZD909	9-885-078-32	DIODE GDZJ5.6B	
ZD910	9-885-078-32	DIODE GDZJ5.6B	
ZD911	9-885-078-32	DIODE GDZJ5.6B	
ZD912	9-885-078-32	DIODE GDZJ5.6B	
ZD913	9-885-078-32	DIODE GDZJ5.6B	
ZD914	9-885-078-32	DIODE GDZJ5.6B	
ZD915	9-885-078-32	DIODE GDZJ5.6B	
ZD916	9-885-078-32	DIODE GDZJ5.6B	
ZD917	9-885-078-32	DIODE GDZJ5.6B	
ZD918	9-885-078-32	DIODE GDZJ5.6B	
ZD919	9-885-078-32	DIODE GDZJ5.6B	
ZD920	9-885-078-32	DIODE GDZJ5.6B	

	Former	New
Caution1	IC CS92686-CMZ	IC MS2686-CMZ
Caution2	IC CS98202-CMZ	IC MS8202-CMZ

Ref. No.	Part No.	Description	Remark
	A-1107-517-A	MAIN BOARD, COMPLETE	

< IC >			
IC201	9-885-078-74	IC MS2686-CMZ (Caution1)	
IC202	8-759-832-09	IC M12L16161A-7T	
IC203	8-759-832-09	IC M12L16161A-7T	
IC204	8-759-832-09	IC M12L16161A-7T	
IC205	8-759-832-09	IC M12L16161A-7T	
IC301	9-885-078-72	IC MS8202-CMZ (Caution2)	
IC302	9-885-073-40	IC M12L64164A-7T	
IC303	9-885-073-40	IC M12L64164A-7T	
IC304	9-885-079-94	IC, MEMORIES (AEP1)	
IC304	9-885-079-95	IC, MEMORIES (AEP2)	
IC304	9-885-079-93	IC, MEMORIES (UK)	
IC401	9-885-078-76	IC TSB41AB1PHP	
IC501	9-885-078-75	IC TVP5146PFP	
IC503	8-759-481-73	IC SN74LVC125APWR	
IC504	8-759-644-49	IC 74HCU04D	
< VIBRATOR >			
X502	9-885-049-24	RESONATOR, CRYSTAL (27MHz)	
TIMER BOARD			

< DIODE >			
D901	8-719-084-78	DIODE KDS121	
ZD901	9-885-078-28	DIODE Z02W6.8V	
ZD902	9-885-078-28	DIODE Z02W6.8V	
ZD903	9-885-078-28	DIODE Z02W6.8V	
ZD904	9-885-078-28	DIODE Z02W6.8V	
ZD905	9-885-078-28	DIODE Z02W6.8V	
< FLUORESCENT INDICATOR >			
FLD901	9-885-078-98	DIGITRON (FLD) 12BT-202GNK	
< IC >			
IC901	9-885-092-31	IC UPD780232GC-08	
IC902	8-759-971-11	IC PST529D	
< SWITCH >			
SW9A1	1-572-184-21	SWITCH, TACT	
A-1110-302-A SMPS BOARD, COMPLETE			

< DIODE >			
BD101	9-885-055-54	DIODE GBU6J	
< CAPACITOR >			
△C101	9-885-078-80	CAPACITOR MPX104K	
△C102	9-885-078-80	CAPACITOR MPX104K	
△C110	9-885-078-81	CAPACITOR 470PF 400V	
△C111	9-885-078-82	CAPACITOR 680PF 400V	
< DIODE >			
D101	9-885-039-32	DIODE ERA22-10	

<u>Ref. No.</u>	<u>Part No.</u>	<u>Description</u>	<u>Remark</u>
D102	8-719-085-16	DIODE EU01W	
D121	9-885-078-36	DIODE UF5402-M11	
D123	9-885-032-86	DIODE 1N5822	
D124	9-885-078-35	DIODE SB360-24A	
D125	9-885-032-86	DIODE 1N5822	
D127	8-719-085-16	DIODE EU01W	
D128	8-719-085-16	DIODE EU01W	
D129	9-885-078-39	DIODE 1N4148	
D130	9-885-032-85	DIODE RL104F	
D131	9-885-032-86	DIODE 1N5822	
D132	9-885-078-39	DIODE 1N4148	
D134	9-885-078-39	DIODE 1N4148	
ZD103	9-885-078-40	DIODE UZ-22BSB	
ZD151	9-885-078-42	DIODE GDZJ3.3B	
ZD152	9-885-078-41	DIODE UZ-33BSB	
		< FUSE >	
△ F101	1-532-503-32	FUSE (1.6A/250V)	
		< IC >	
IC101	9-885-078-65	IC FSDM0565RBL	
IC102	8-749-018-95	IC LTV-817B	
IC106	9-885-073-56	IC KA431AZ	
IC151	9-885-078-66	IC G9133	
IC153	9-885-078-64	IC KIA78R12PI-CU	
IC154	9-885-078-67	IC KIA278R05PI-CU	
IC156	9-885-078-64	IC KIA78R12PI-CU	
IC158	9-885-078-68	IC KIA278R12PI-CU	
IC160	9-885-078-69	IC PQ070VK02LZH	
		< CONNECTOR >	
PW101	9-885-078-78	CONNECTOR GP390	
		< TRANSISTOR >	
Q120	9-885-039-70	TRANSISTOR KSB1151-Y	
Q121	9-885-078-47	TRANSISTOR KRC103M	
Q122	9-885-078-47	TRANSISTOR KRC103M	
Q123	9-885-073-65	TRANSISTOR KTA1268-BL	
Q124	8-729-040-76	TRANSISTOR KTA1273-Y-AT	
		< VARISTOR >	
△ V101	9-885-078-79	VARISTOR SVC681D-10A	

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