

Service Manual

Compact Stereo System

Model No. **SC-HC25GS**
SC-HC25GT
SC-HC25PU
SC-HC25GSX



Product Color: (K)...Black Type

Subject : Schematic Diagram / Printed Circuit Board / Replacement Parts List
(Updates)

Please file and use this supplement manual together with the service manual for
Model No. SC-HC25GS/GT/PU/GSX-K Order No. PSG1104005CE

⚠ WARNING

This service information is designed for experienced repair technicians only and is not designed for use by the general public. It does not contain warnings or cautions to advise non-technical individuals of potential dangers in attempting to service a product. Products powered by electricity should be serviced or repaired only by experienced professional technicians. Any attempt to service or repair the product or products dealt with in this service information by anyone else could result in serious injury or death.

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1 Notes

Background:

- For improvement of quality and performance.

This supplement includes additional and revised contents to the original service manual for below sections:-

1. Update to Schematic Diagram. (MAIN CIRCUIT & SMPS CIRCUIT)
2. Update to Printed Circuit Board. (MAIN P.C.B.)
3. Update to Electrical Replacement Parts List.

1.1. Safety Part Information

Safety Parts List:

There are special components used in this equipment which are important for safety.

These parts are marked by Δ in the Schematic Diagrams, Exploded View & Replacement Parts List. It is essential that these critical parts should be replaced with manufacturer's specified parts to prevent shock, fire or other hazards. Do not modify the original design without permission of manufacturer.

Safety	Ref. No.	Part No.	Part Name & Description	Remarks
Δ	300	RAEX1034Z-V	TRAVERSE ASS'Y	
Δ	A2	K2CA2CA00027	AC CORD	GT
Δ	A2	K2CA2YY00039	AC CORD	PU
Δ	A2	K2CP2CA00001	AC CORD	GS/GSX
Δ	A2	K2CQ2CA00007	AC CORD	GS/PU/GSX
Δ	A2	K2CZ3YY00005	AC CORD	GS/GSX
Δ	A3	RQTX1251-M	O/I BOOK (Sp)	PU
Δ	A3	RQTX1255-G	O/I BOOK (En/Cn/Ar)	GS/GSX
Δ	A3	RQTX1258-K	O/I BOOK (Co)	GT
Δ	26	RGNX1225B-K	NAME PLATE	PU
Δ	26	RGNX1225E-K	NAME PLATE	GS/GSX
Δ	26	RGNX1225H-K	NAME PLATE	GT
Δ	C702	F0CAF104A105	0.1uF	
Δ	C710	F1BAF1020020	1000pF	GS/PU/GSX
Δ	C710	F1BAF2220023	2200pF	GT
Δ	C725	F0CAF104A105	0.1uF	
Δ	C727	F1BAF471A013	470pF	GS/PU/GSX
Δ	C727	F1BAF1020020	1000pF	GT
Δ	C728	F1BAF471A013	1000pF	GS/PU/GSX
Δ	C728	F1BAF1020020	470pF	GT
Δ	F751	K5G312Y00007	FUSE PROTECTOR	
Δ	L702	G0B183E00004	LINE FILTER	
Δ	P751	K2AA2B000011	AC INLET	
Δ	PC701	B3PBA0000503	PHOTO COUPLER	
Δ	PC702	B3PBA0000503	PHOTO COUPLER	
Δ	PCB10	REPX0917J	SMPS P.C.B.	(RTL) GS/PU/GSX
Δ	PCB10	REPX0917G	SMPS P.C.B.	(RTL) GT
Δ	SW1	D4FB1R250006	RESETTABLE FUSE	
Δ	SW7900	D4FBR5000009	RESETTABLE FUSE	
Δ	T701	ETS28BT11GAC	TRANSFORMER	
Δ	TH701	D4CAA5R10001	THERMISTOR	
Δ	TH702	D4CC11040013	THERMISTOR	
Δ	Z752	ERZVA5Z471	ZNR	

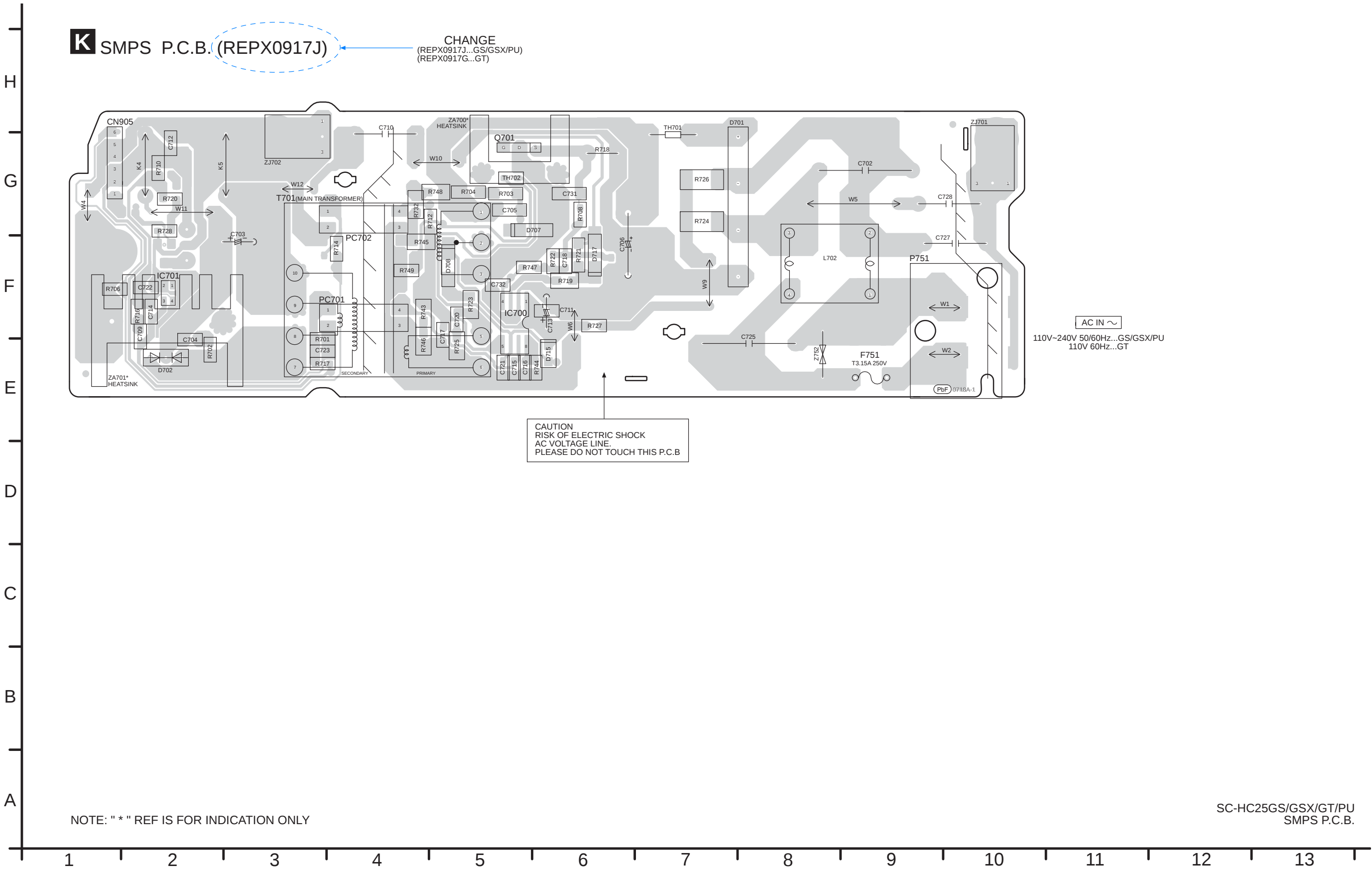
With reference to original service manual (section 15.11.) on page 106 for Model No. SC-HC25GS/GT/PU/GSX-K



3 Printed Circuit Board

3.1. SMPS P.C.B. (For SC-HC25GS/GT/PU/GSX-K)

With reference to original service manual (section 16.6.) on page 112 for Model No. SC-HC25GS/GT/PU/GSX-K



4 Replacement Parts List

Reason for Change

*The circled item indicates the reason. If no marking, see the Notes in the bottom column.

☐	1. Improve performance
	2. Change of material or dimension
	3. To meet approved specification
	4. Standardization
	5. Addition
☐	6. Deletion
	7. Correction
☐	8. Other

Interchangeability Code

**The circled item indicates the interchangeability. If no marking, see the Notes in the bottom column.

	Parts	Set Production	
	A Original New		Original or new parts may be used in early or late production set. Use original parts until exhausted, then stock new parts.
	B Original New		Original parts may be used in early production sets only. New parts may be used in early or late production sets. Use original parts where possible, then stock new parts.
☐	C Original New		New parts only may be used in early or late production sets. Stock new parts.
	D Original New		Original parts may be used in early production sets only. New parts may be used in late production sets only. Stock both original and new parts.
☐	E Other		

Please revise the original parts list in the Service Manual to conform to the change(s) shown herein.

If new part numbers are shown, be sure to use them when ordering parts.

Please file and use this manual together with the original service manual.

4.1. Electrical Replacement Parts List

4.1.1. SC-HC25GS/GT/PU/GSX-K

Ref. No.	Original Part No.	New Part No.	Notes	New Part Name & Descriptions	Remarks
12	REXX1168	REXX1168-1	1/C	5P CABLE WIRE (CD SERVO-MAIN)	Change
23	RGKX1067-K1	RGKX1067-K2	1/C	DOCKING TUB	Change
55	RXQ1999-2	RXQ1999-3	1/C	BACK SHIELD ASS'Y	Change
65	RMKX1028-1	RMKX1028-2	1/C	MECHA CHASSIS	Change
C710	F1BAF1020020	F1BAF2220023	1/C	2200pF	Change (For GT only) (Δ)
C710	F1BAF1020020	F1BAF1020020	8/E	1000pF	Update (For GS/PU/GSX only) (Δ)
C710	F1H1C104A120	F1H1C104A120	6/E	0.1uF 16V	Update (DELETE!) (Δ)
C727	F1BAF471A013	F1BAF1020020	1/C	1000pF	Change (For GT only) (Δ)
C727	F1BAF471A013	F1BAF471A013	8/E	470pF	Update (For GS/PU/GSX only) (Δ)
C728	F1BAF471A013	F1BAF1020020	1/C	1000pF	Change (For GT only) (Δ)
C728	F1BAF471A013	F1BAF471A013	8/E	470pF	Update (For GS/PU/GSX only) (Δ)
C732	F1H1H560A230	F1H1H151A792	1/C	150pF 50V	Change
D708	B0HCMM000019	B0ECKP000055	1/C	DIODE	Change (For GT only)
D708	B0HCMM000019	B0HCMM000019	8/E	DIODE	Update (For GS/PU/GSX only)
K1012	D0GDR00JA017	D0GFR00JA017	1/C	0 1/4W	Change
PCB10	REPX0917J	REPX0917G	1/C	SMPS P.C.B.	Change (For GT only)
PCB10	REPX0917J	REPX0917J	8/E	SMPS P.C.B.	Update (For GS/PU/GSX only)
R140	D0GBR00JA008	D0GB101JA008	1/C	100 1/16W	Change
R703	ERJ8GEYJ683V	D0GF683JA017	1/C	68K 1/4W	Change (For GT only)
R703	ERJ8GEYJ683V	ERJ8GEYJ683V	8/E	68K 1/4W	Update (For GS/PU/GSX only)
R704	ERJ8GEYJ683V	D0GF683JA017	1/C	68K 1/4W	Change (For GT only)
R704	ERJ8GEYJ683V	ERJ8GEYJ683V	8/E	68K 1/4W	Update (For GS/PU/GSX only)
R719	ERJ6GEYJ3R3V	D0GD3R3JA017	1/C	3.3 1/8W	Change (For GT only)
R719	ERJ6GEYJ3R3V	ERJ6GEYJ3R3V	8/E	3.3 1/8W	Update (For GS/PU/GSX only)
R732	D0GD335JA017	D0GD106JA017	1/C	10M 1/8W	Change (For GT only)
R732	D0GD335JA017	D0GD335JA017	8/E	3.3M 1/8W	Update (For GS/PU/GSX only)
R743	D0GD683JA017	D0GD274JA017	1/C	270K 1/8W	Change (For GT only)
R743	D0GD683JA017	D0GD683JA017	8/E	68K 1/8W	Update (For GS/PU/GSX only)
R745	D0GD335JA017	D0GD106JA017	1/C	10M 1/8W	Change (For GT only)
R745	D0GD335JA017	D0GD335JA017	8/E	3.3M 1/8W	Update (For GS/PU/GSX only)
R746	B0ACCK000012	D0GD224JA017	1/C	220K 1/8W	Change (For GT only)
R746	B0ACCK000012	B0ACCK000012	8/E	DIODE	Update (For GS/PU/GSX only)
R748	D0GD335JA017	D0GD106JA017	1/C	10M 1/8W	Change (For GT only)
R748	D0GD335JA017	D0GD335JA017	8/E	3.3M 1/8W	Update (For GS/PU/GSX only)

T.I No. ME2110841, ME2110913, ME2110998, ME2111037, MG2110862, MM2111028, MM2111075 (For Factory Reference only).

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