

DIGITAL PIANO KDP80

Service Manual

Manufacturing Start Date 2010

KAWAI

Kawai Musical Instruments
Manufacturing Co., Ltd.

KPSZ-0435
Date of issue : 23 Dec. 2011

■ Contents

KDP80 Specifications.....	02	P.W.B.KEP-285(25)(26)Side A Assembly	16
Hardware List Screws	03	P.W.B.KEP-285(25)(26)Side B Assembly	17
KDP80 Opening Procedure.....	04	P.W.B.KEP-342 -348(5)(6) Assembly	18
KDP80 Case Assembly.....	05	KDP80 Assembly Instructions	19
KDP80 Stand Assembly.....	06	KDP80 Packing	21
KDP80 Cheek Block Assembly.....	07	Circuit Diagram	23
KDP80 Key Cover Assembly.....	08		
KDP80 Top Board Assembly.....	09		
Keyboard Unit (RG88B Type)	10		
Keyboard Disassembling Procedure	11		
KDP80 Electronic Parts List.....	12		
KDP80 How to change the destination.....	13		
KDP80 Cable Wiring Specification.....	14		
KDP80 Block Diagram.....	15		

■ KDP80 Specifications

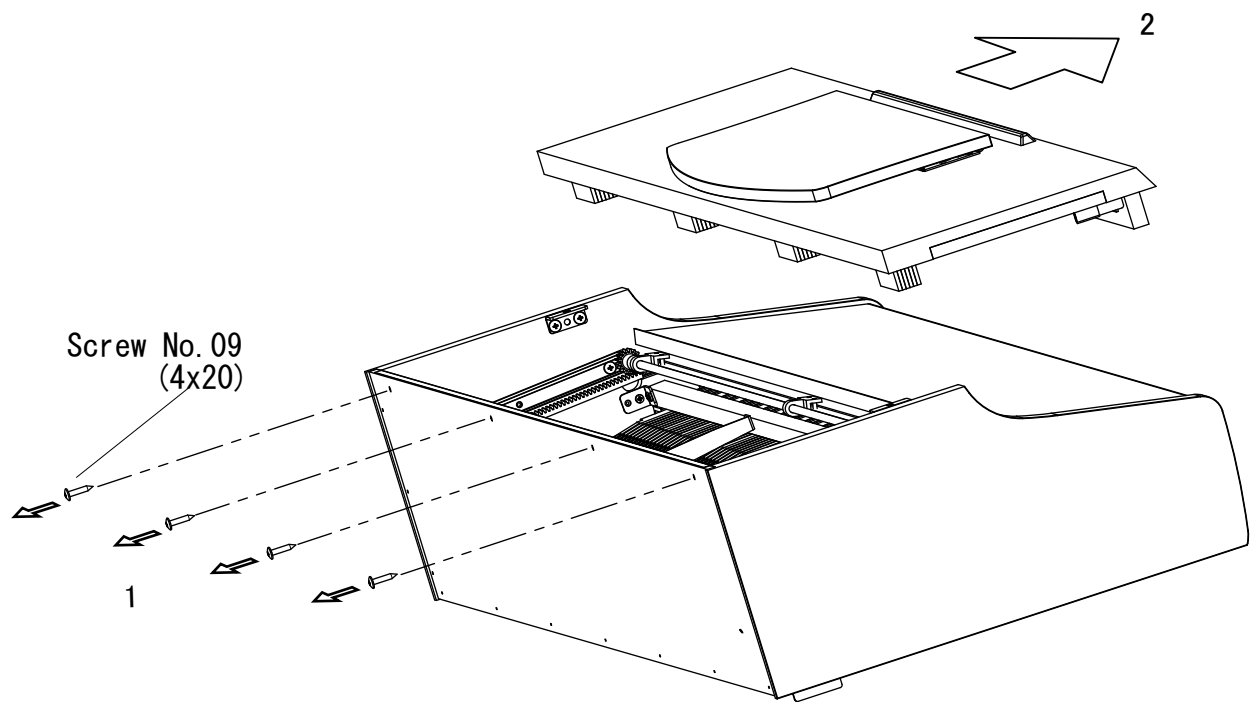
■ Keyboard	88 keys with Advanced Hammer Action IV-F
■ Internal Sounds	15 voices (Concert Grand, Studio Grand, Modern Piano, Rock Piano, Classic E.Piano, Modern E.Piano, Jazz Organ, Church Organ, Harpsichord, Vibraphone, String Ensemble, Slow Strings, Choir, New Age Pad, Atmosphere)
■ Polyphony	Max. 96 notes
■ Other Functions	Volume, Transpose, Tuning, Dual, Four Hands, Demo (15 songs), Touch Type (Normal, Light, Heavy, Constant), Reverb (Room, Stage, Hall), Damper Effect, Concert Magic (40 songs), MIDI Functions
■ Lesson Function	2 song books (Please refer to Appendix 4), right/left parts playable separately, tempo adjustable
■ Recorder	1 track, 1 song – total memory capacity approximately 7,500 notes
■ Metronome	Time signatures: 1/4, 2/4, 3/4, 4/4, 5/4, 3/8, 6/8 Tempo: 10–300 BPM
■ Pedals	Damper (half-pedalling supported), Soft, Sostenuto
■ Jacks	Headphones x 2, Pedal, MIDI IN/OUT
■ Key Cover	Sliding type
■ Output Power	20 W x 2
■ Speakers	12 cm x 2
■ Power Consumption	50 W
■ Dimensions	1360 (W) x 403 (D) x 851 (H) mm (folding Music Rack)
■ Weight	37 kg (with Music Rack)

Screws

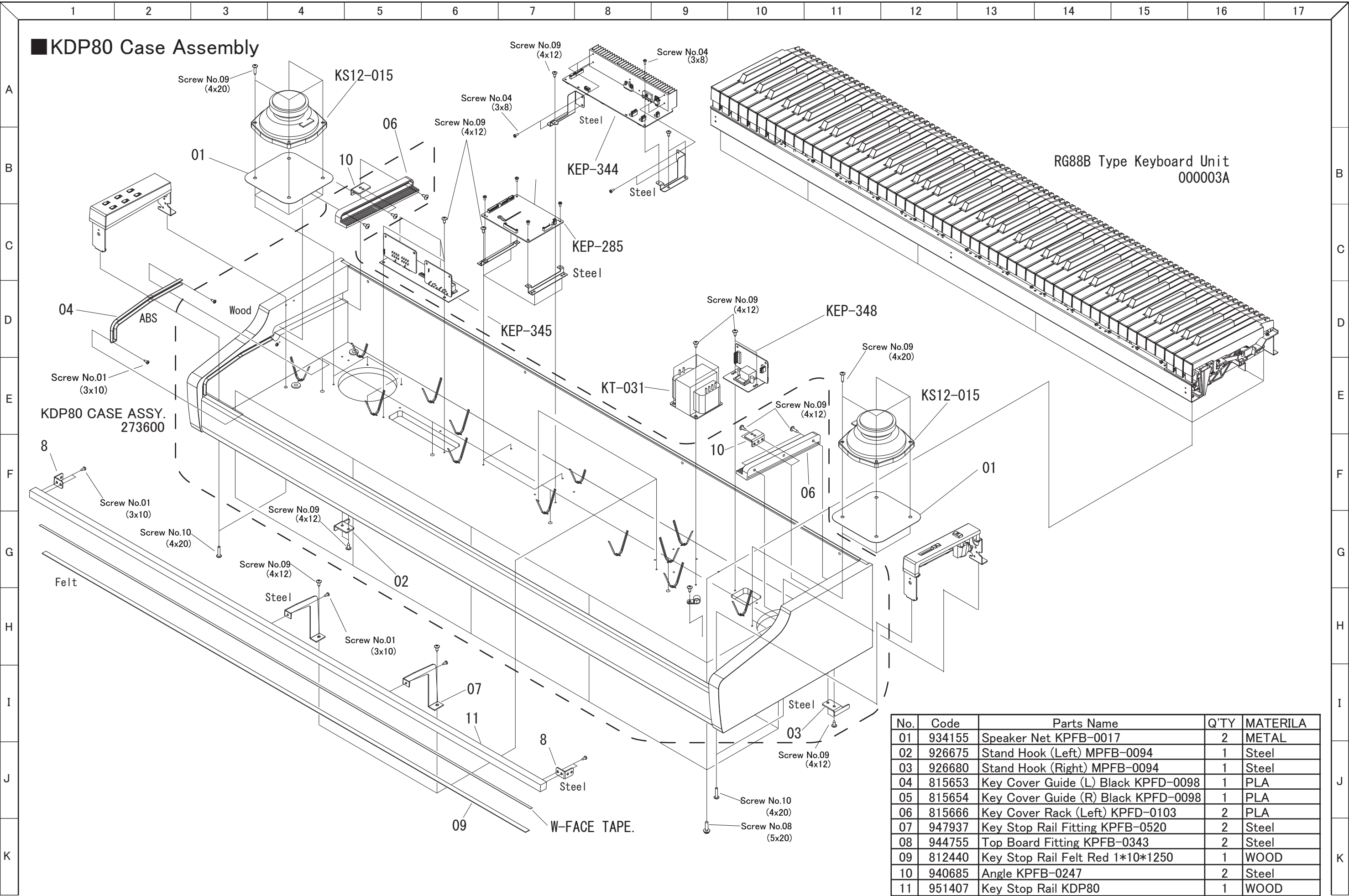
No.	Head	Type	Size	Code	Code(Black)	No.	Head	Type	Size	Code	Code(Black/other)
01	+Binding	Tapping #1	3*6 3*8 3*10 3*12 3*14 3*16 3*20 3*25 3*35 4*25	797007 798141 798157 798256 798187 798176 798347	797260 798308 797262 798074 798186 798744	06	+Flat	Tapping #1	2.6*6 2.6*12 2.6*16 3*12 (Brnz) 3*16 3*20 3*25 4*25 4*35	798843 798800 798843 798058 798611 798693 798742 798581 798724	798575 798239 798795
02		Machine	2*6 2.6*8 3*6 3*8 3*10 4*8 4*8 4*20	798266 798555 798331	798818 798188 798355 798035 798554	07		Machine	4*12 4*20	797176	798464
						08	+Pan	Machine	3*6 3*8 3*10 4*20 4*30 4*90 5*20 5*2 5*40 6*25	798282 797752 798128 798290 798909 797813 951017	797811 798530 798501 797816 798848
03		S Tite	3*6 3*8 3*10 3*12 4*8 4*10 4*12 4*16 4*25	812255 798030 798001 798005 798595	812271 798007 812650 798745 798009 798671 798000 798585 798599	09	+Truss	Tapping #1	4*8 4*10 4*12 4*14 4*16 4*18 4*20 4*25 4*30 4*35 4*40 4*45 6*25 6*50	812653 797021 797022 798192 797023 798705 797025 798307 797027 798175 798112 798358 798723	797284 797285 798357 797287 798120 797286 798368 798456 797404 798612
04		B Tite	3*6 3*8 3*10 3*12 3*14 3*20 4*8 4*10 4*14	797995 798325 797994 797993 798553 798561 798326 798747 797976	797998 797990 798893	10		Machine	4*12 4*16 4*20 4*25 4*30 4*35 4*60 4*60 5*25 5*60 6*20 6*25 6*45 6*65	798054 797302 797303 797304 798826 798529 798796 798049 798556 813954	812251 798373 798505 797243
05		P Tite	2.6*5 2*8 3*6 3*8 3*10 3*14 3*16 4*8 4*10 4*12 4*16 4*20 4*30	798749 798829 798278 798314 798276 798321 797983 812250 798320 797985 812257	798528 798425 798277 798364 798480 798890 798577 798850	11	+Oval	Tapping #1	3X10 4X14		798059 798814
						12	Countersink	Tapping #2	4*25 3X10		798601 798816
						13		Machine	4X20		798544

■ KDP80 Opening Procedure

1. Unscrew the 4 of screws.
2. Slide the top board assy to frontside of CN23



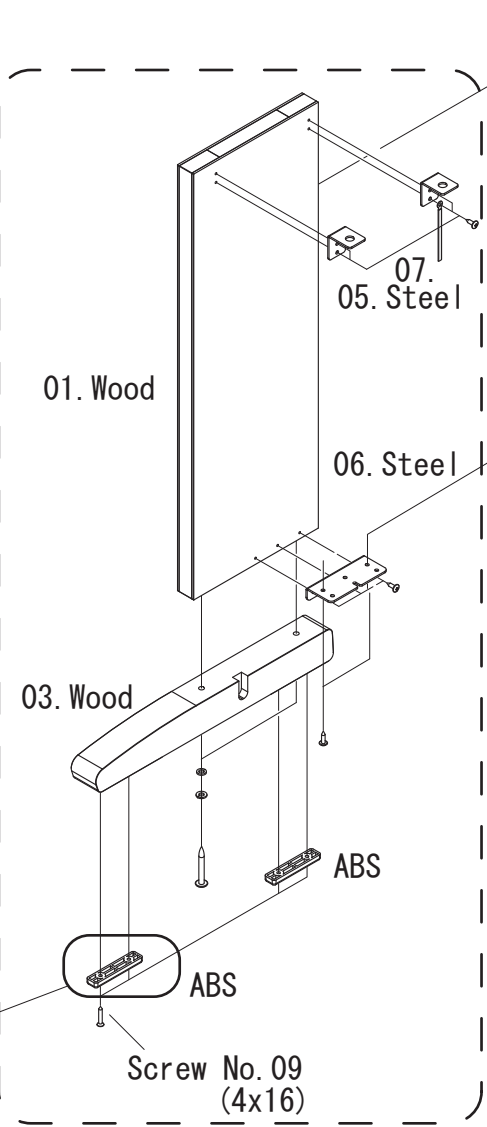
■KDP80 Case Assembly



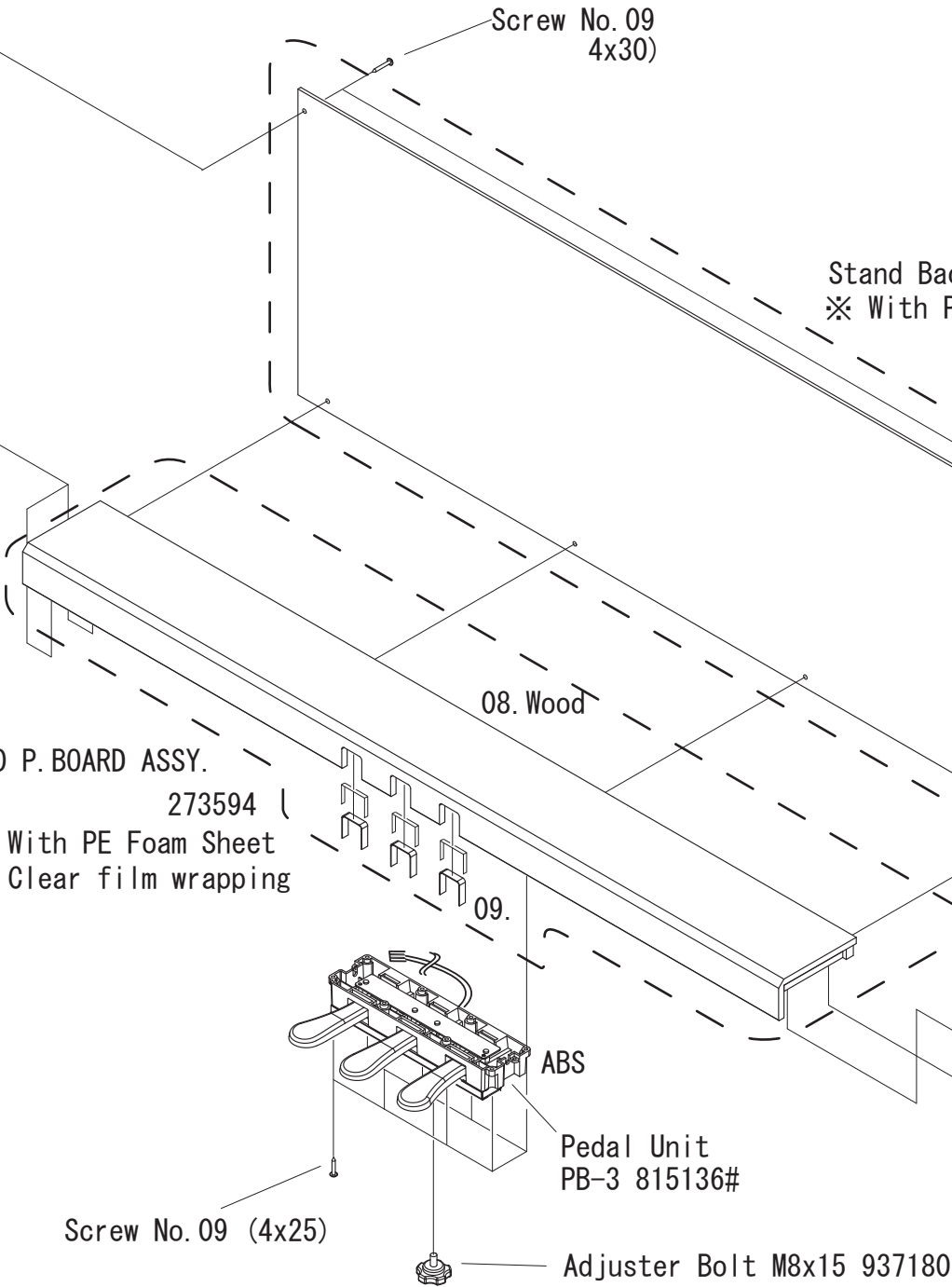
No.	Code	Parts Name	Q'TY	MATERILA
01	934155	Speaker Net KPFB-0017	2	METAL
02	926675	Stand Hook (Left) MPFB-0094	1	Steel
03	926680	Stand Hook (Right) MPFB-0094	1	Steel
04	815653	Key Cover Guide (L) Black KPFD-0098	1	PLA
05	815654	Key Cover Guide (R) Black KPFD-0098	1	PLA
06	815666	Key Cover Rack (Left) KPFD-0103	2	PLA
07	947937	Key Stop Rail Fitting KPFB-0520	2	Steel
08	944755	Top Board Fitting KPFB-0343	2	Steel
09	812440	Key Stop Rail Felt Red 1*10*1250	1	WOOD
10	940685	Angle KPFB-0247	2	Steel
11	951407	Key Stop Rail KDP80	1	WOOD

■ Stand Assembly KDP80

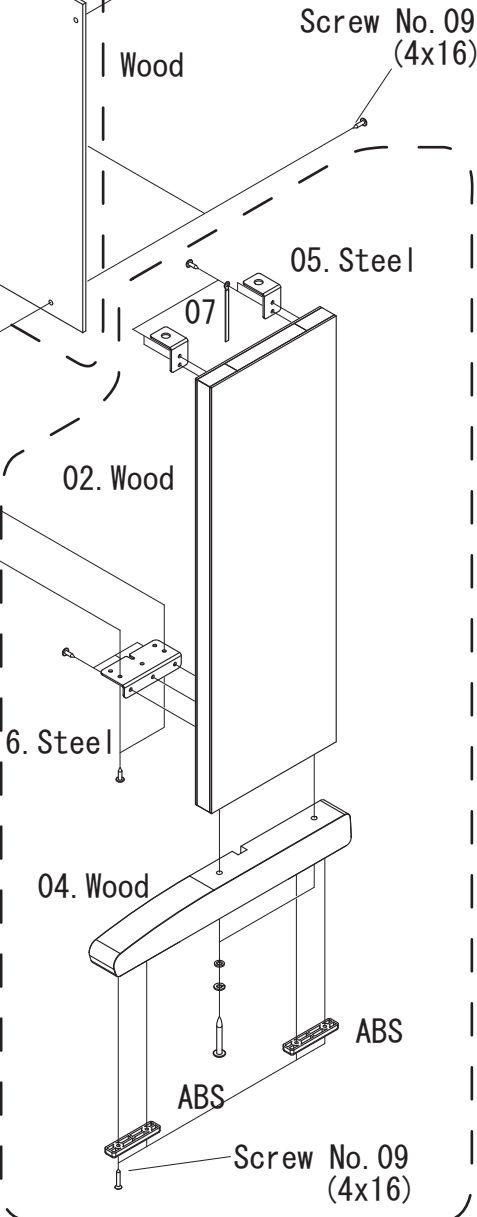
KDP80 STAND ASSY. L
273595
※ With PE Foam Sheet
& Clear film wrapping



KDP80 P. BOARD ASSY.
273594
※ With PE Foam Sheet
& Clear film wrapping



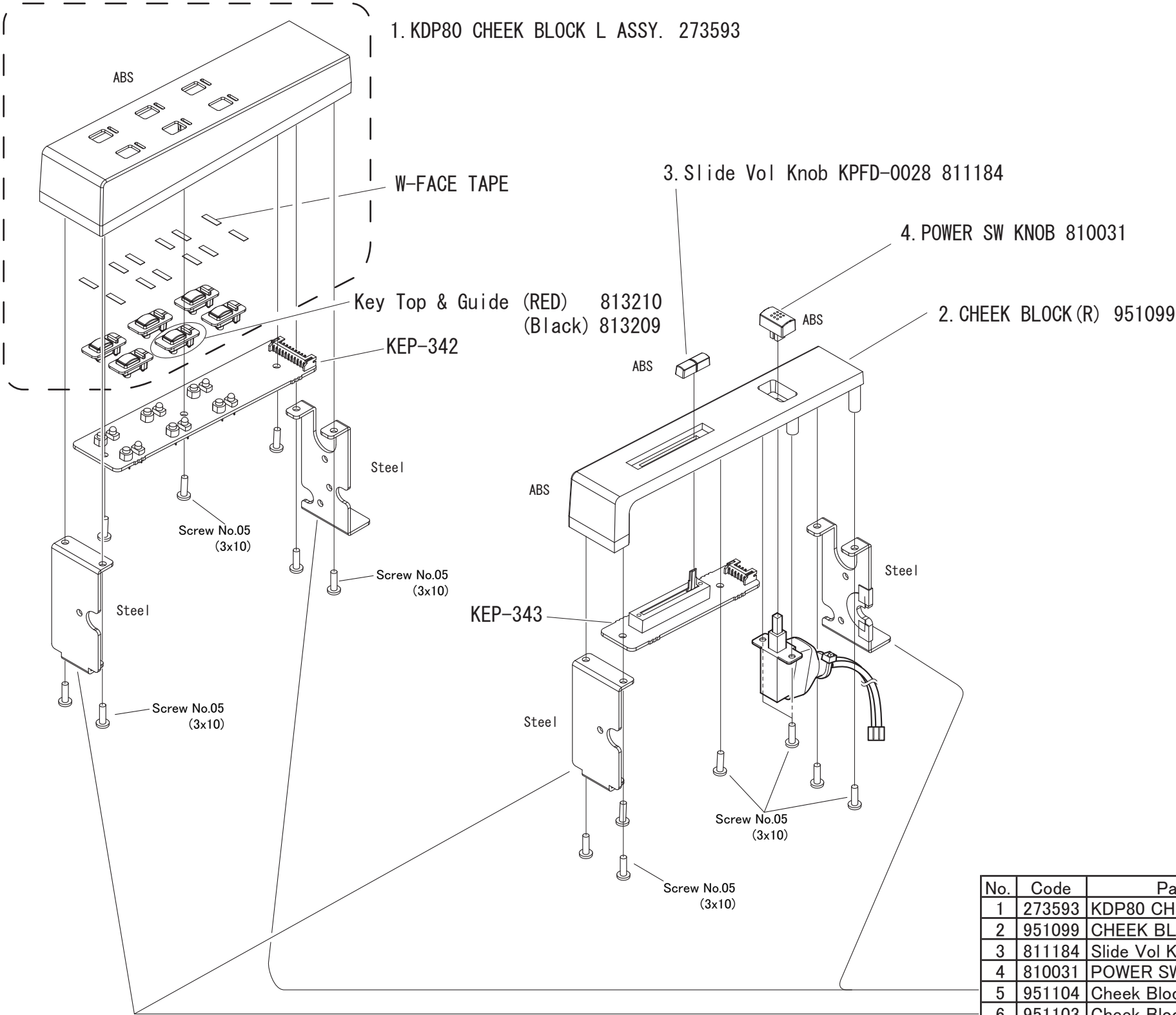
Stand Back Board KDP80 951417
※ With PE Foam Sheet & Clear film wrapping



KDP80 STAND ASSY. R
273596
※ With PE Foam Sheet & Clear film wrapping

No.	Code	Parts Name	Q'TY		MATERIAL
01	951415	Side Board Assy.(L) KDP80	1	KPBF-0457	WOOD
02	951416	Side Board Assy.(R) KDP80	1		
03	951422	Toe Block (L)	1	KPFC-1917	
04	951423	Toe Block (R)	1		
05	926820	SP Box Fitting HPFB-0017	4		STEEL
06	949667	L Fitting (18*40*90)	2		
07	721220	Binder CS-7	2		
08	951414	Pedal Board Assy. KDP80	1	KPBF-0455	WOOD
09	812399#	Pedal Felt	3		FELT

■ KDP80 Check Block Assembly

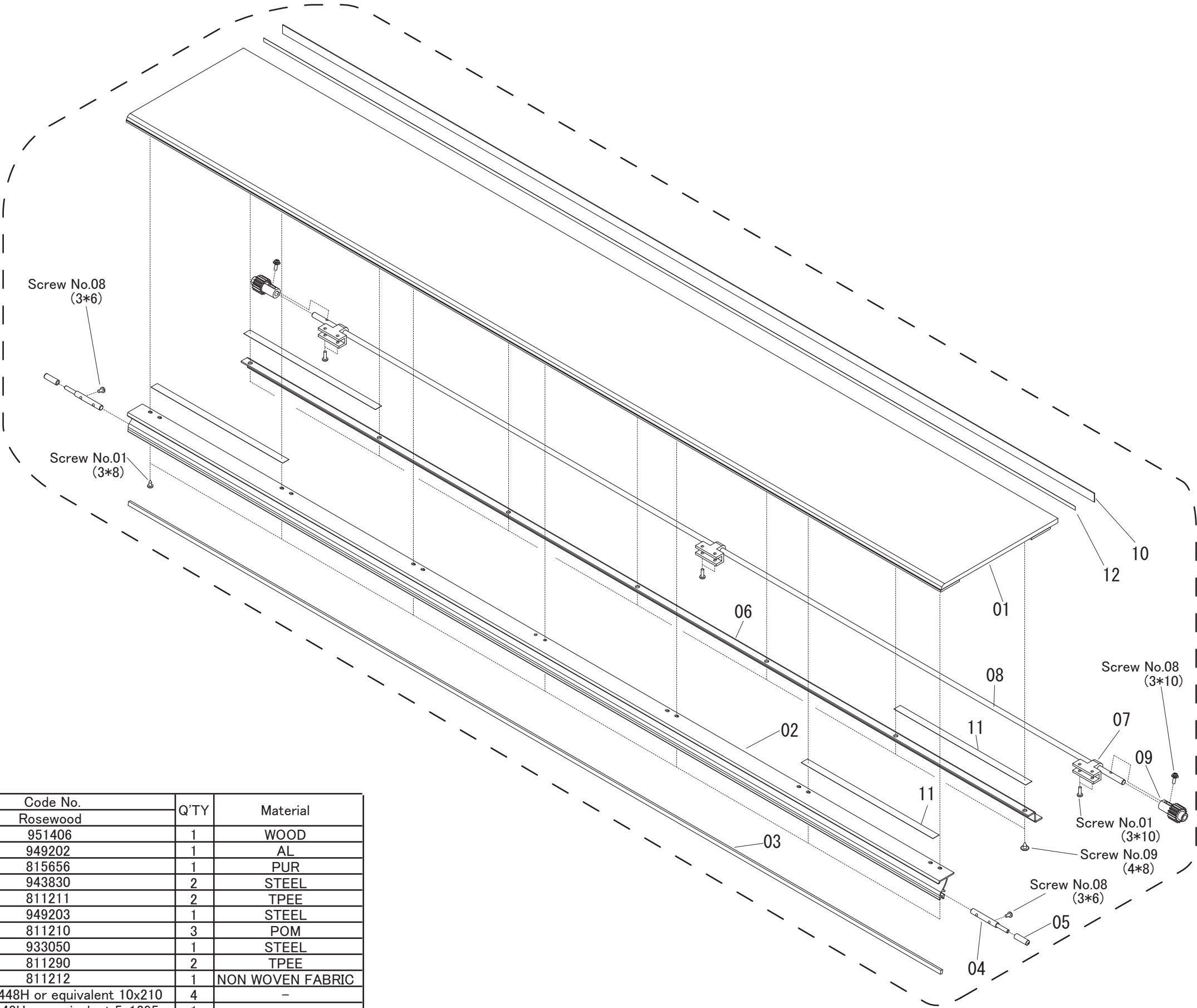


No.	Code	Parts Name	Q'TY	MATERIAL
1	273593	KDP80 CHEEK BLOCK L ASSY	1	ABS
2	951099	CHEEK BLOCK(R)	1	ABS
3	811184	Slide Vol Knob KPFD-0028	1	ABS
4	810031	POWER SW KNOB	1	ABS
5	951104	Cheek Block Fitting (Back)	2	STEEL
6	951103	Cheek Block Fitting (Front)	2	STEEL

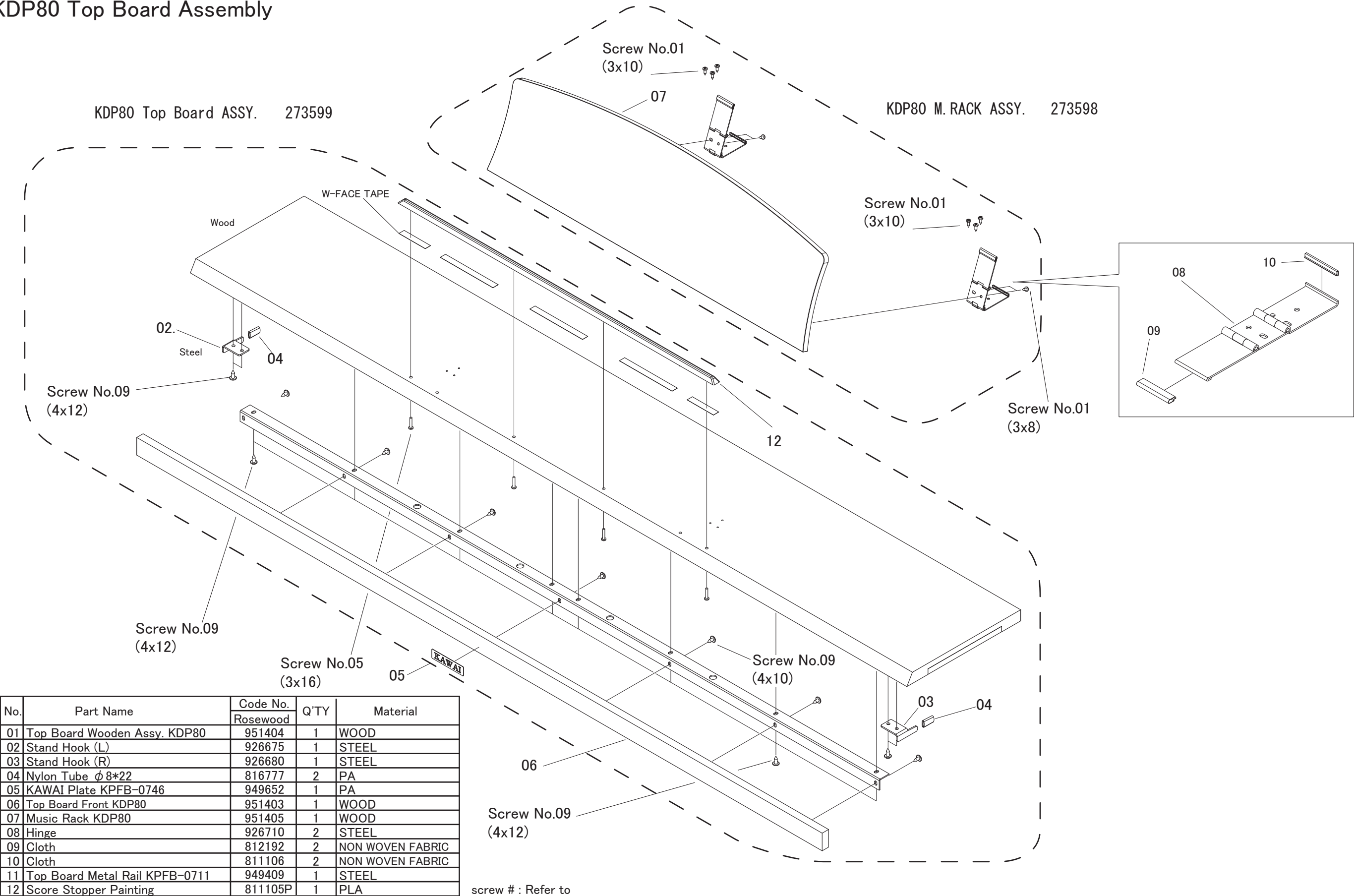
■KDP80 Key Cover Assembly

KDP80 KY COVER ASSY.BLCK 273597

No.	Part Name	Code No.	Q'TY	Material
		Rosewood		
01	Key Cover Wood Assy	951406	1	WOOD
02	Key Cover Handle Brown	949202	1	AL
03	Key Cover Cushion	815656	1	PUR
04	Key Cover Guide Pin	943830	2	STEEL
05	Guide Pin Cap	811211	2	TPEE
06	Key Cover Back Angle	949203	1	STEEL
07	Key Cover Holder	811210	3	POM
08	Key Cover Axis MPFB-0165 RoHS	933050	1	STEEL
09	Key Cover Pinion	811290	2	TPEE
10	Cloth HN620B 12*1295	811212	1	NON WOVEN FABRIC
11	Double Face Tape	3M Y-9448H or equivalent 10x210		-
12	Double Face Tape	3M Y-9448H or equivalent 5x1295		-



■KDP80 Top Board Assembly



A

B

C

D

E

F

G

H

I

J

K

B

C

D

E

F

G

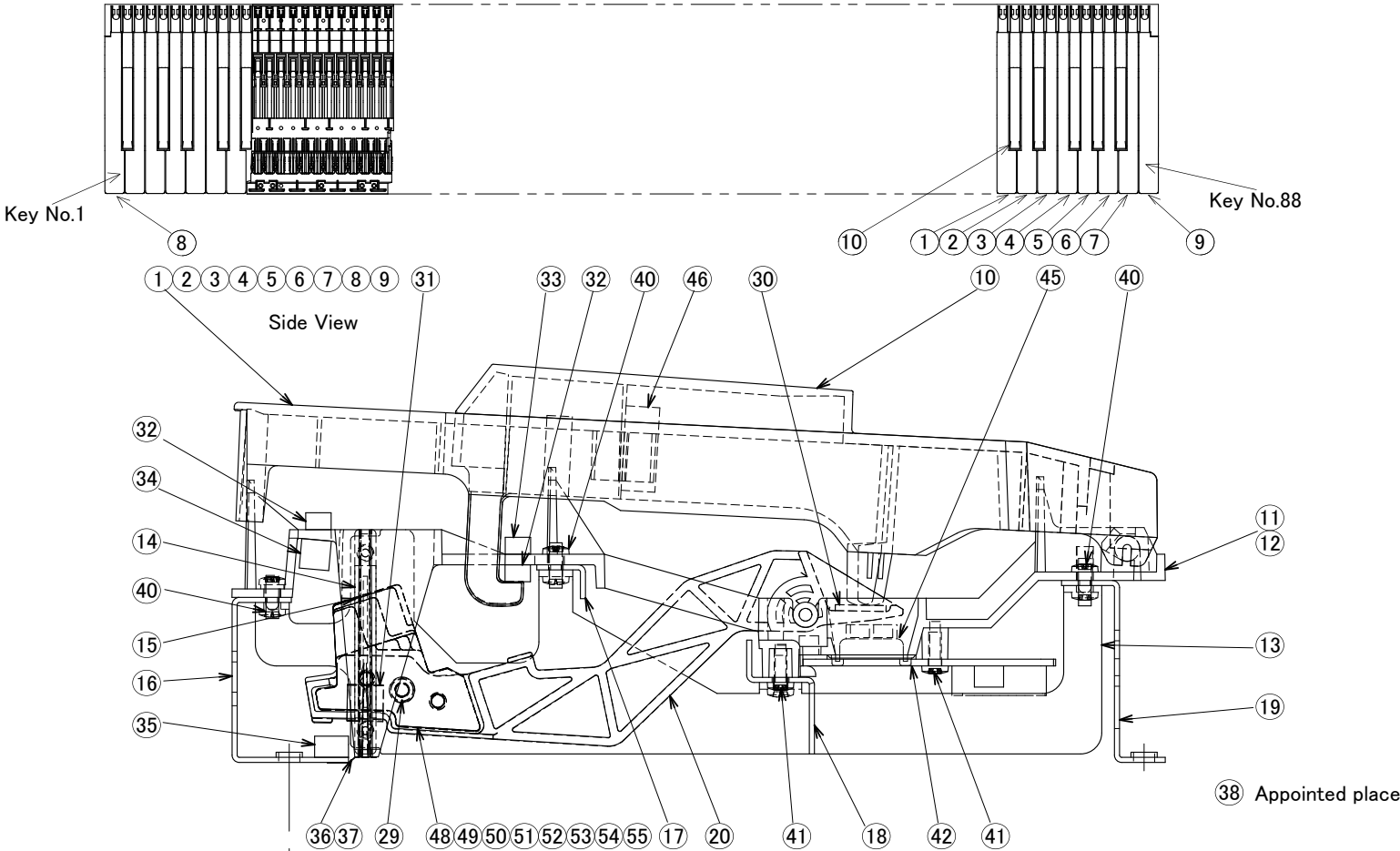
H



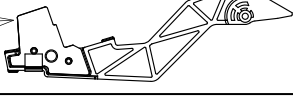
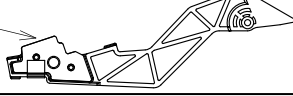




I

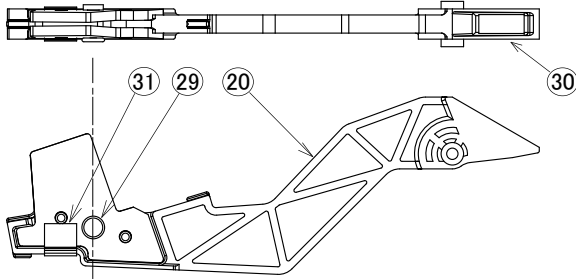
J

K

■ RG88B-type Keyboard Assy.



	For White Key.	For Black Key.
Key No.1~15	<div>④⑧ RG88B HMR W1 ASSY 272933</div> <div>②①</div>	<div>⑤② RG88B HMR B1 ASSY 272937</div> <div>②⑤</div>
Key No.16~32	<div>④⑨ RG88B HMR W2 ASSY 272934</div> <div>②②</div>	<div>⑤③ RG88B HMR B2 ASSY 272938</div> <div>②⑥</div>
Key No.33~63	<div>⑤⑩ RG88B HMR W3 ASSY 272935</div> <div>②③</div>	<div>⑤④ RG88B HMR B3 ASSY 272939</div> <div>②⑦</div>
Key No.64~88	<div>⑤① RG88B HMR W4 ASSY 272936</div> <div>②④</div>	<div>⑤⑤ RG88B HMR B4 ASSY 272940</div> <div>②⑧</div>



	PARTS NAME	QTY.	REMARKS	CODE
	Complete Keyboard Unit	1		950118
1	White Key (C)	7	KBFD-0130	814651
2	White Key (D)	7	KBFD-0131	814652
3	White Key (E)	7	KBFD-0132	814653
4	White Key (F)	7	KBFD-0133	814654
5	White Key (G)	7	KBFD-0134	814655
6	White Key (A)	7	KBFD-0135	814656
7a	White Key (B) 7Keys	7	KBFD-0136	814657
7b	White Key (B) 1Keys	1	KBFD-0136	814709
8	White Key (AA)	1	KBFD-0137	814658
9	White Key (CC)	1	KBFD-0138	814659
10	Black Key	36	KBFD-0139	814660
11	Chassis (A-G#)	7	KBFD-0140	814661
12	Chassis (A-C)	1	KBFD-0141	814662
13	Rib	8	KBFB-0219	947901
14	Guide Spacer	16	KBFD-0143	814650
15	Both Side Adhesive Tape 5*36	16	3M Y-9448H 相当品 or equal	
16	FrontAngle	1	KBFB-0220	947902
17	Stopper Angle	1	KBFB-0221	947903
18	Switch Angle	1	KBFB-0222	947904
19	Back Angle	1	KBFB-0223	947905
32	Key Stop Cushion	2	KBFZ-0073	813171
33	Key Cushion	1	KBFZ-0094	815303
34	Hammer Upper-limit Cushion	1	KBFZ-0091	814667
35	Hammer Lower-limit Cushion	1	KBFZ-0092	814668
36	Filament tape 12*135	7	3M 898	
37	Filament tape 12*25	1	3M 898	
38	Grease for Key &Chassis	Chassis15g/Key14g	FLOIL G-474C	798759
39				
40	Chassis Assy.Screw 1	94	φ 3*8 +Binding head/B-tite	798325
41	Chassis Assy.Screw 2	46	φ 3*8 +Binding head/P-tite	798314
42	Key Switch Assy.(KKB-015)	1	KBBN-0016	237347
43	IC (Decoder)	3	74HC138P	800760
44	Diode	176	1S2076A	807339
45	Rubber Contact	8	F-E (12-cup)	813175
46	CUSHION (8*8*15)	36	KBFZ-0107	816263

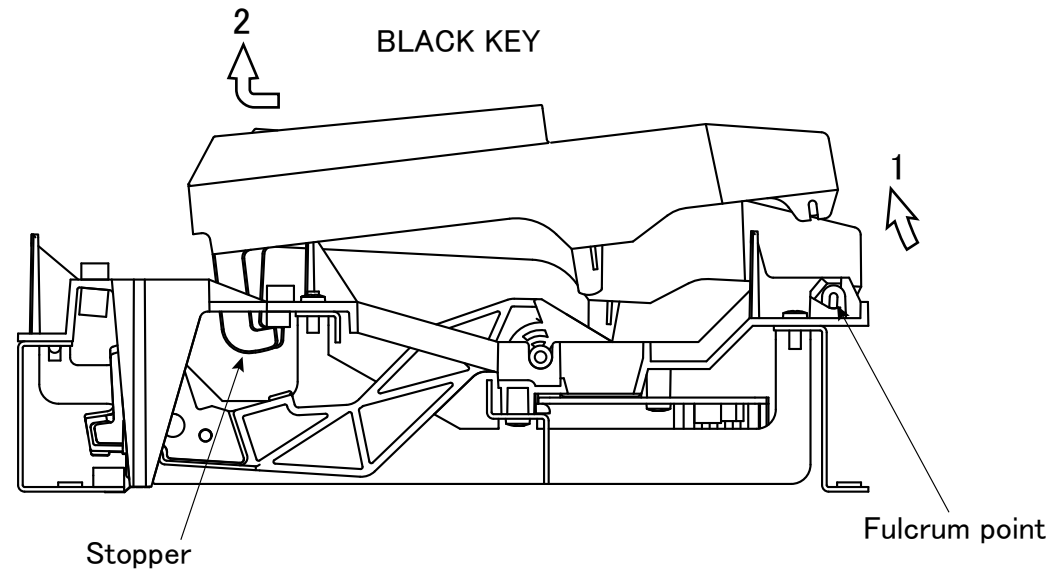
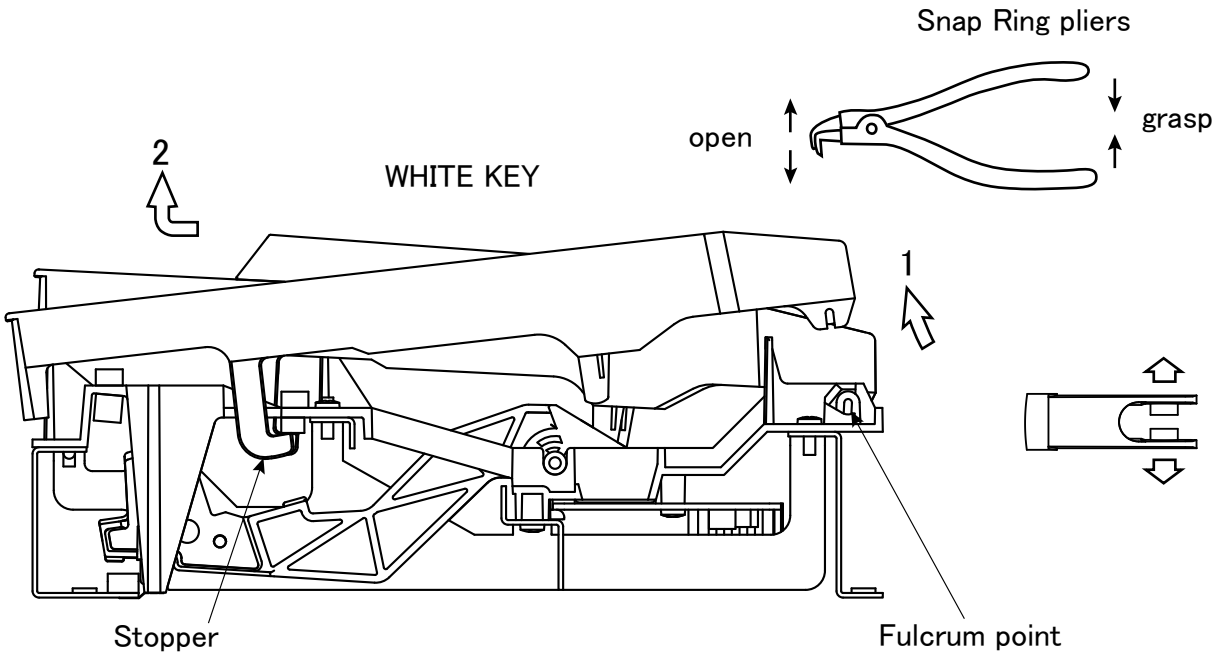
	PARTS NAME	1MODEL	1SET	PARTS NAME	1SET
48	Weight W1		2		950095
	Hammer		1		814663
29	Rivet 3*11	9 x	1	RG88B HMR W1 ASSY	272933
30	Slip Tape		1		814664
31	Guide Tape		1		814665
49	Weight W2		2		950096
	Hammer		1		814663
29	Rivet 3*11	10 x	1	RG88B HMR W2 ASSY	272934
30	Slip Tape		1		813169
31	Guide Tape		1		814664
			1		814665
50	Weight W3		2		950097
	Hammer		1		814663
29	Rivet 3*11	18 x	1	RG88B HMR W3 ASSY	272935
30	Slip Tape		1		813169
31	Guide Tape		1		814664
			1		814665
51	Weight W4		2		950098
	Hammer		1		814663
29	Rivet 3*11	15 x	1	RG88B HMR W4 ASSY	272936
30	Slip Tape		1		813169
31	Guide Tape		1		814664
			1		814665
52	Weight B1		2		950099
	Hammer		1		814663
29	Rivet 3*11	6 x	1	RG88B HMR B1 ASSY	272937
30	Slip Tape		1		813169
31	Guide Tape		1		814664
			1		814665
53	Weight B2		2		950100
	Hammer		1		814663
29	Rivet 3*11	7 x	1	RG88B HMR B2 ASSY	272938
30	Slip Tape		1		813169
31	Guide Tape		1		814664
			1		814665
54	Weight B3		2		950101
	Hammer		1		814663
29	リベット 3*11 Rivet 3*11	13 x	1	RG88B HMR B3 ASSY	272939
30	Slip Tape		1		813169
31	Guide Tape		1		814664
			1		814665
55	Weight B4		2		950102
	Hammer		1		814663
29	Rivet 3*11	10 x	1	RG88B HMR B4 ASSY	272940
30	Slip Tape		1		813169
31	Guide Tape		1		814664
			1		814665

Keyboard Disassembling Procedure

First, remove the keyboard fixing screws (10 pcs.) at the bottom of the piano and slide the Keyboard unit backward.

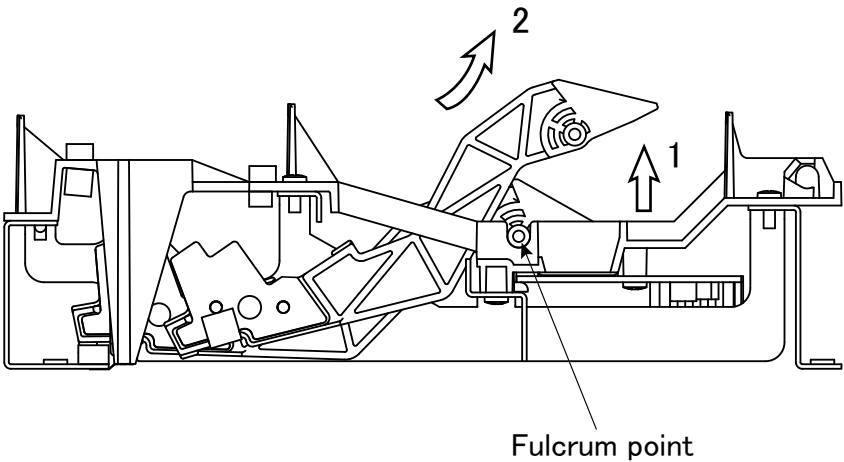
<How to take a key off>

- 1.Spread the key at fulcrum point and lift it up. (We recommend to use Snap Ring pliers. If not available, use a flat blade (tapered) screwdriver.
- 2.Pull the key off. (Pay attention to the stopper.)



<How to take a hammer off>

- 1.Lift the hammer at the fulcrum point.
- 2.Pull the hammer off.



* To remove a black key, thr white keys on either aide must be removed first.

■ Parts List KDP80





Electronic Parts KDP80

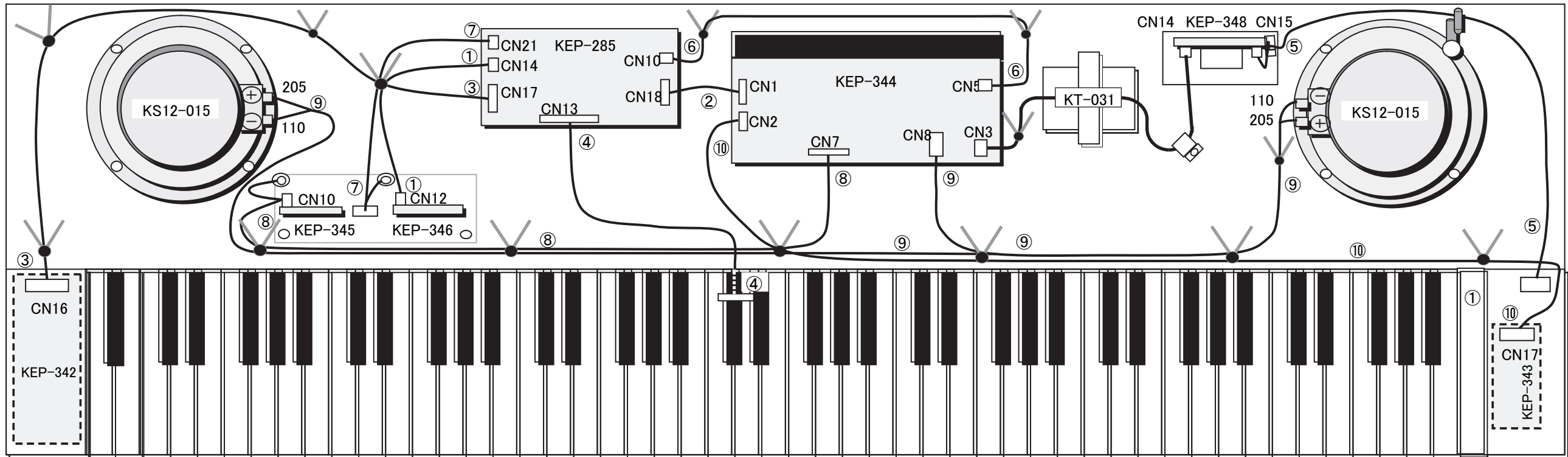
Code No.	Parts Name	Q'ty	Parts Number	Remaks	Model
238532	P.W.B. Assy	1	KEP285(25)	CPU	GE120,GE230,CD,KA
			KEP285(29)		AU,US,CG
238648			KEP285(39)		CV
		1	KEP342-348(5)		120V US,GE120
238533A			1 KEP342(5)	Panel	
238533B			1 KEP343(5)	Volume	
238533C			1 KEP344(5)	AMP	
238533D			1 KEP345(5)	HP	
238533E			1 KEP346(5)	MIDI	
238533F			1 KEP348(5)	INLET	
		1	KEP342-348(6)		230V GE230,AU,CD,CG,KA
		1	KEP342-348(12)		
238659A		1	KEP342(12)		
238659B		1	KEP343(12)		
238659C		1	KEP344(12)		
238659D		1	KEP345(12)		
238659E		1	KEP346(12)		
238659F		1	KEP348(12)		
237347		1	KKB-015		
816303	Power Transformaer	1	KT-031		=CN23
813446	Speaker Unit	2	Speaker KS12-015(EAS12P550A)		=PN2,CN2
816768	Power Switch	1	SFDLB11G7U		
951546	Sw Cover	1	T-105 3/8		
948024	TUBE	1	UL Tube		
812805	AC Cable	1	UC-505-J01	GE120,US	
809170			EC-511-E07	CD,GE230	
816147			AR-ZX0.75-NM-ABS-LF	AR	
814197			KA-25-MP2217	KA	
809171			SC-078-J02	AU	
813178			2P FOR BS 2.5M 13A	CG	
952404			RVV H03VVH2-FLY-5 LY-22	CV	
948021	PH Stand Cable	1	KPBB-0400/PH-04-0200-YEL	MIDI-CPU =PN2	
947667		1	KPBB-0400/PH-09-0150-WHT	AMP-CPU =CA5	
948022		1	KPBB-0400/PH-11-0700-BRN	PNL-CPU =PN2	
948056		1	KPBB-0400/PH-15-0150-GRN	PNL-CPU	
947641	Power Swich Cable	1	KPBB-0405	SW-INLET =CN71	
949436	CPU Power Cable	1	KPBB-0610	AMP-CPU =CN21	
949672	Pedal Cable	1	KPBB-0608	PDL-CPU =PN2	
948027	Headphone Cable	1	KPBB-0449	HP-AMP =PN2	
948028	Speaker Cable	1	KPBB-0450	SP-AMP =PN2	
948029	Volume Cable	1	KPBB-0451	Volume-AMP =PN2	

	1	2	3	4	5	6	7	
A	<div>■ KDP80 How to change the destination</div>							A
B	<p>Turn the power on with holding down the 3 switches (CONCERT MAGIC, LESSON, PLAY/STOP). Cehck the 3 LEDs are lighting. Then play the systemfile with SEQUENCER via MIDI port.</p> <p>How to change the destination. △ 1</p> <p>1 There is two destinations. Default setting GE120/230 (and CD,KA,AR) 2nd setting AU</p> <p>2 The way (GE120/230 →AU) A. Turn on with holding down the 3 switches (CONCERT MAGIC,PLAY/STOP, METRONOME) then into the mode of destination setting.</p> <p>B.The lights of METRONOME and SOUND SELECT will blink. This mean destinaion is GE120/230 (default)</p> <p>C. To change destination for AU, press and keep pressing the REC switch more than 1 sec. Then LED of METRONOME and SOUND SELECT turn off and PLAY/STOP and REC LED turn on.</p> <p>D. To finish Turn the power off.</p> <p>3 How to back to the default (AU → GE120/230) A. Turn on with holding down the 3 switches (CONCERT MAGIC, PLAY/STOP, METRONOME) then into the mode of destination setting.</p> <p>B.The lights of PLAY/STOP and REC will blink. This mean destinaion is AU.</p> <p>C. Press and keep pressing the SOUND SELECT switch more than 1 sec. Then LED of PLAY/STOP and REC turn off and METRONOME and SOUND SELECT LED turn on.</p> <p>D. To finish Turn the power off.</p>							B
C								C
D								D
E								E
F								F
G								G
H								H
I								I
J								J
K								K

△ 1 : KPJZ-3335

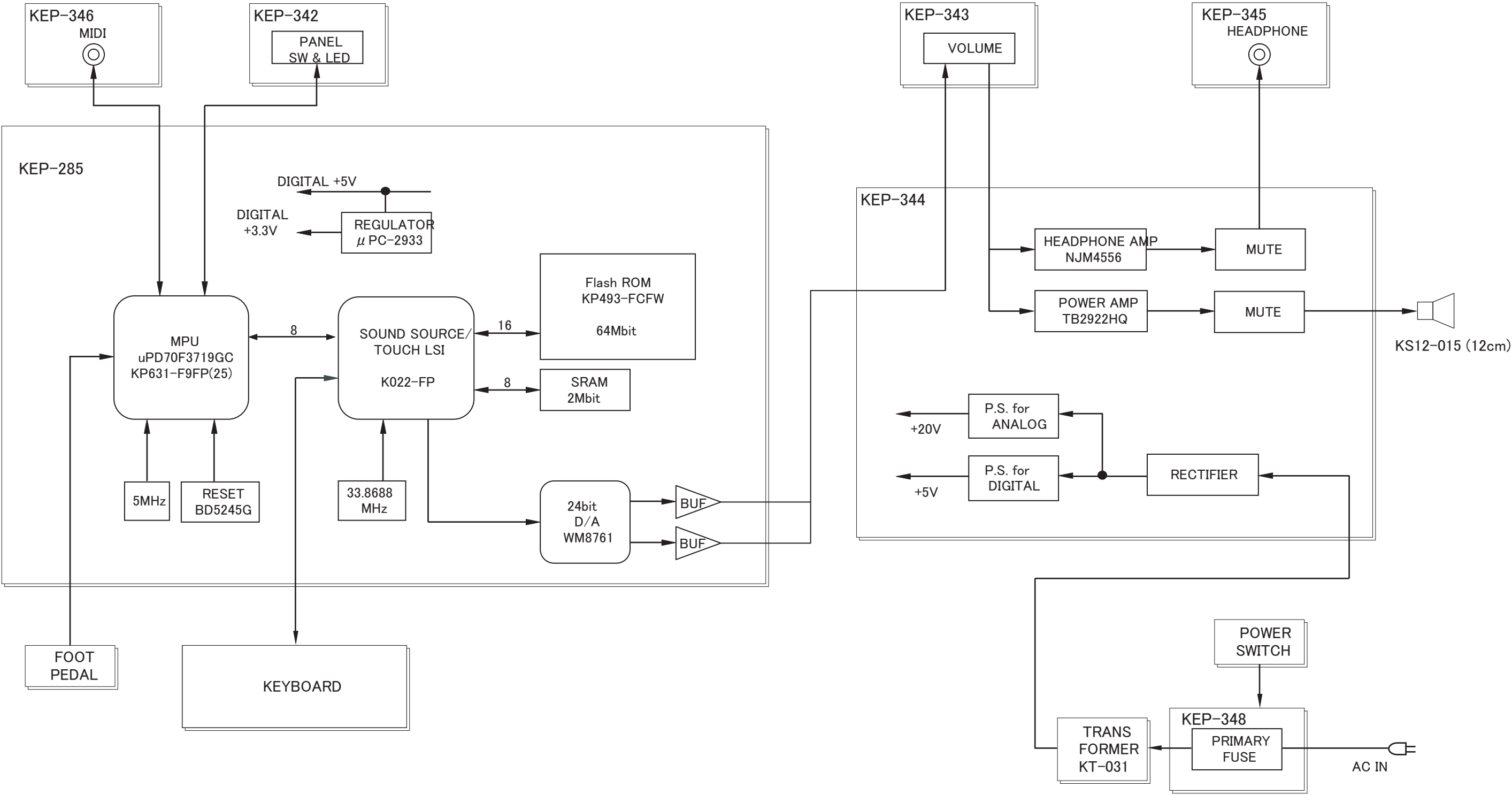
■ KDP80 Cable Wireing Specification

	Cable Tie(Insulok Tie) (PTLIM)	1
	Binder (EFB-0692)	1
	Vinyl Binder(small) (L=100)	14
	Nylon Clamp (NK-6N)	1

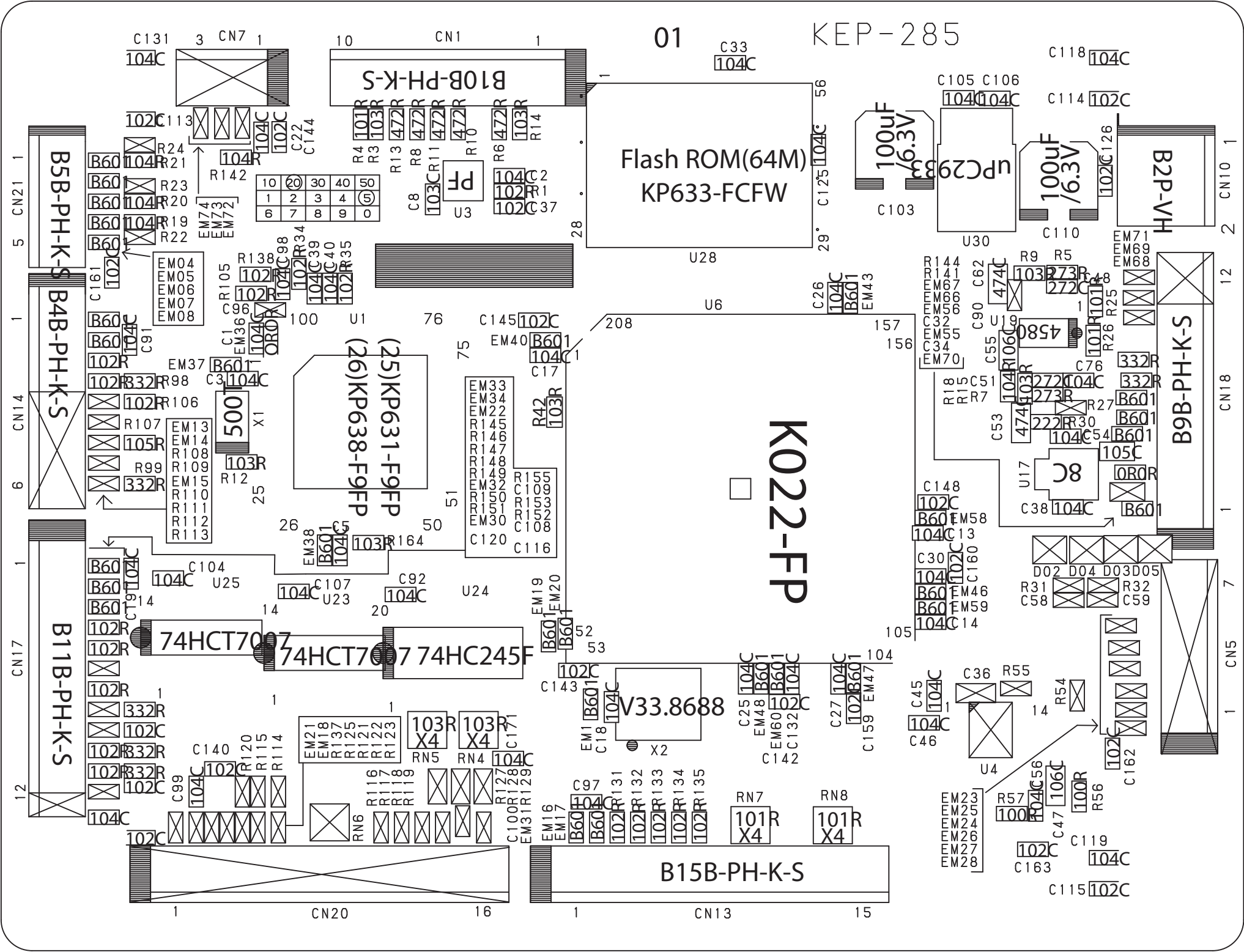


No	Code No.	Drawing No.	Parts Name	Termination1	Termination2	Color	No	Code No.	Drawing No.	Parts Name	Termination1	Termination2	Color
①	948021	KPBB-0400	PH-04-0200-YEL	KEP-285 CN14	KEP-346 CN12	Yellow	⑨	948028	KPBB-0450	Speaker Cable	KEP-344 CN8	Speaker(L,R)	Black,Red&White
②	947667	KPBB-0400	PH-09-0150-WHT	KEP-285 CN18	KEP-344 CN1	White	⑩	948029	KPBB-0451	Volume Cable	KEP-344 CN2	KEP-343 CN17	Black
③	948022	KPBB-0400	PH-11-0700-BRN	KEP-285 CN17	KEP-342 CN16	Brown	⑪						
④	948056	KPBB-0400	PH-15-150-GRN	KEP-285 CN13	Keyboard	Green	⑫						
⑤	-	KPBB-0860	Power Switch Cable	KEP-348 CN15	Switch	Black&Red	⑬						
⑥	949436	KPBB-0610	CPU Power Cable	KEP-285 CN10	KEP-344 CN5	Black&Red	⑭						
⑦	949672	KPBB-0626	PDL-250	KEP-285 CN21	Pedal(Jack Panel)	Black	⑮						
⑧	948027	KPBB-0449	Headphone Cable	KEP-344 CN7	KEP-345 CN10	Black	⑯						

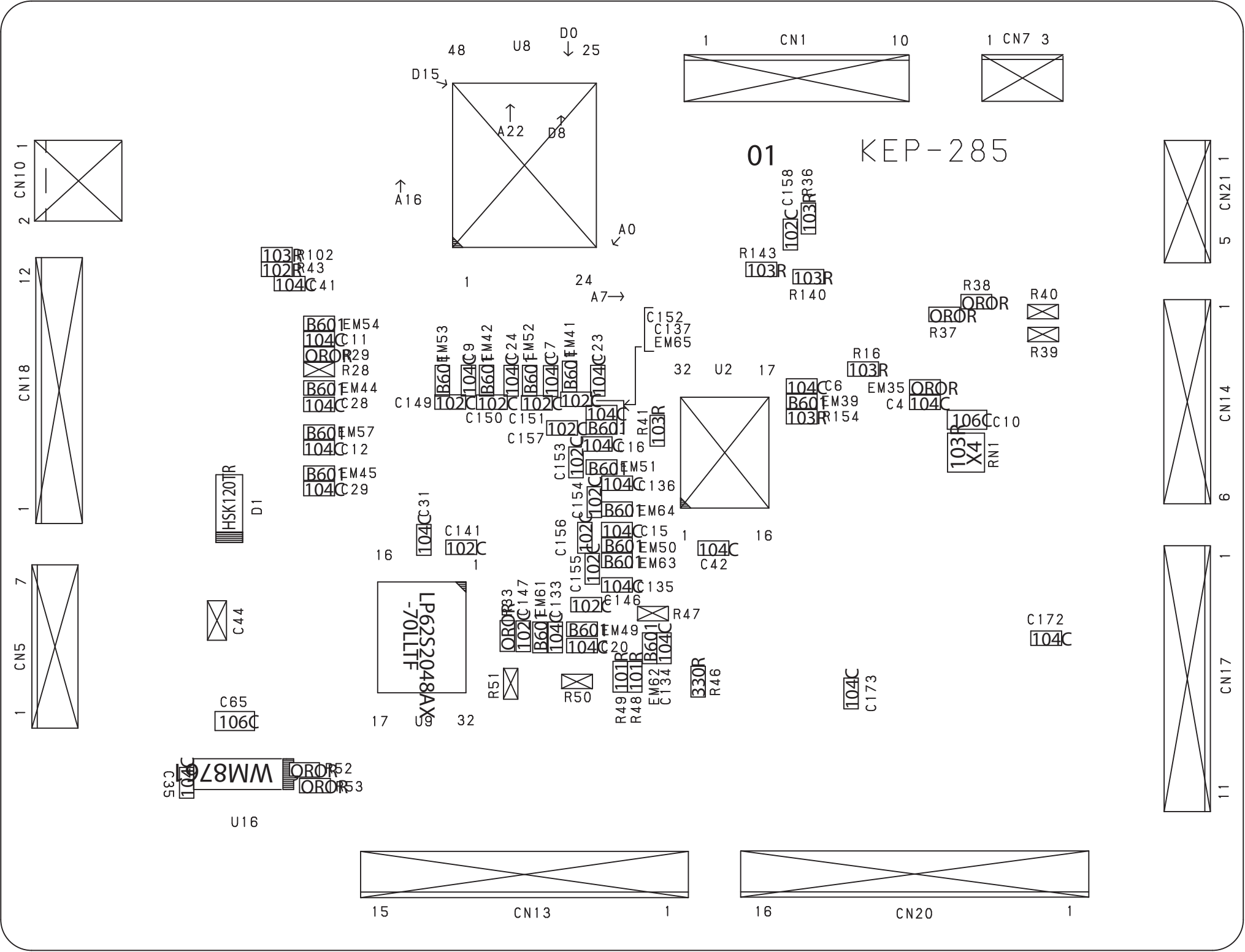
KDP80 Block Diagram



■ P.W.B. KEP-285(25/26) Side A Assembly (GE120,GE230,CD/AU) No.2 38532



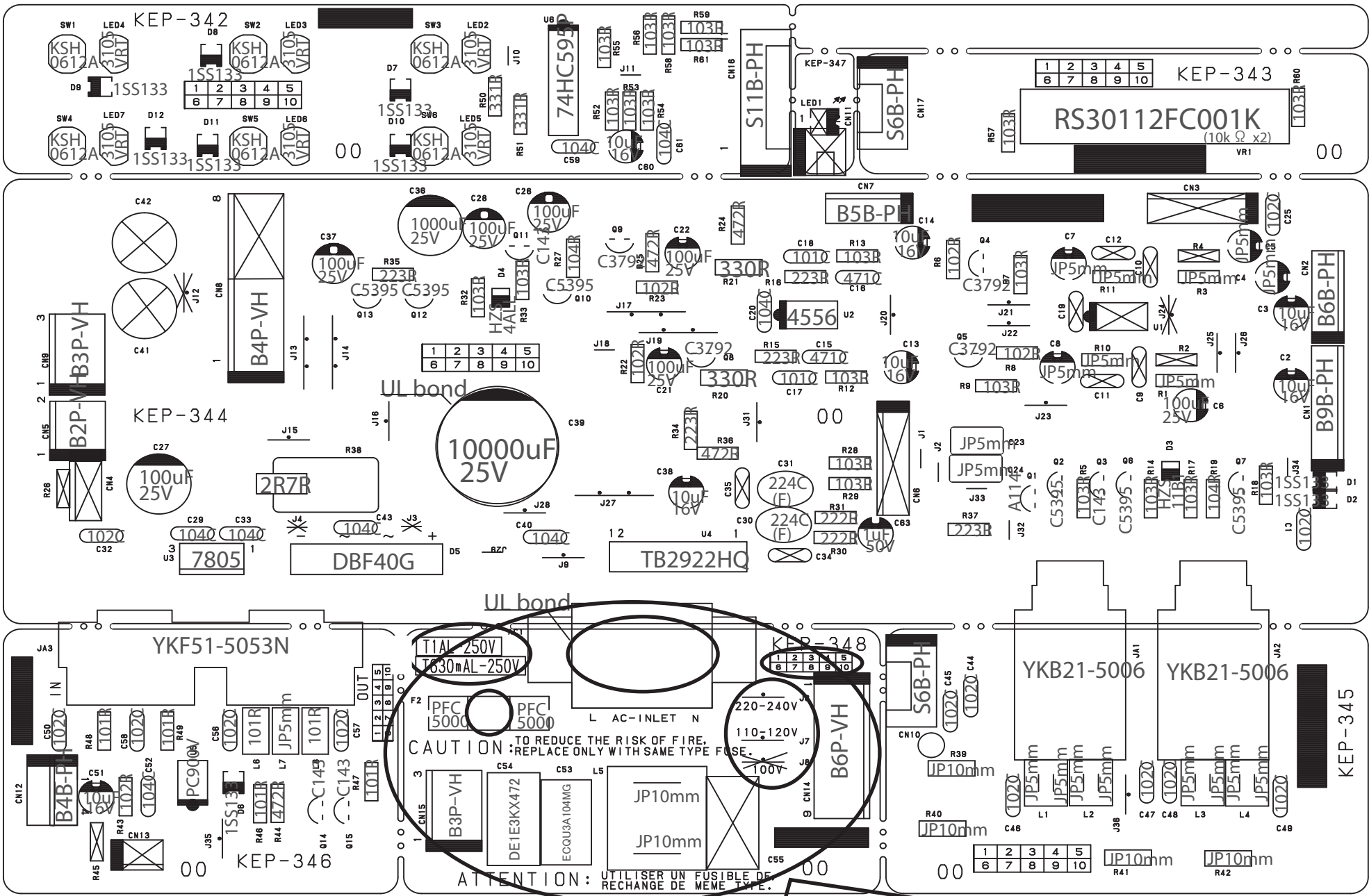
■ P.W.B. KEP-285(25/26) Side B Assembly (GE120,GE230,CD/AU) No.238532



Note:This drawing shows solder side.

U9 : LP62S2048AX-70LLTF = 2M SRAM
EM**: B601=BLM18AG601SN1D

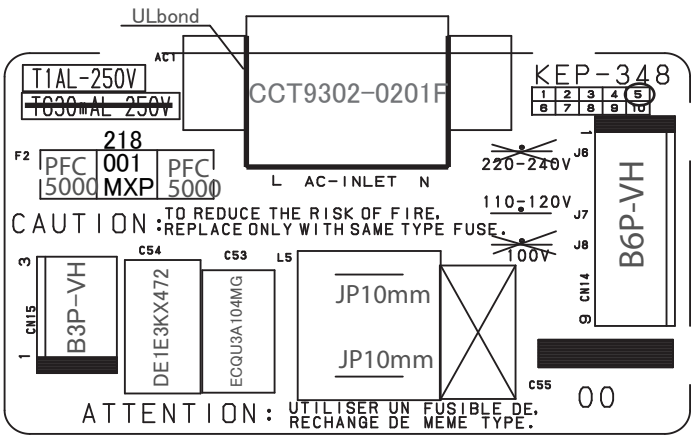
■ P.W.B. KEP-342-348 (5/6) Assembly 110V-120V/220V-240V



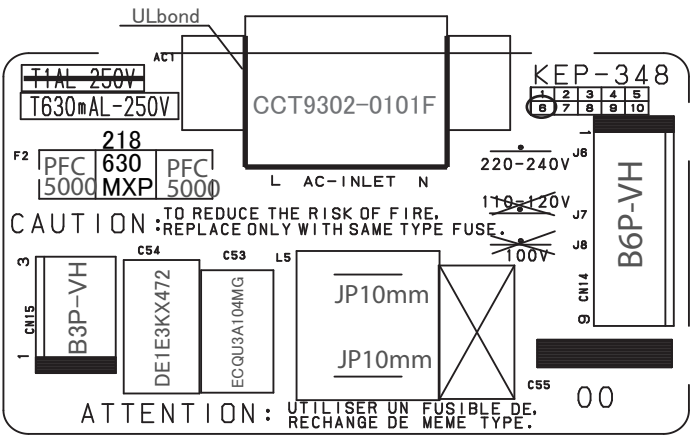
SW1	SW2	SW3	SW4	SW5	SW6
METRO-NOME	PLAY/STOP	CONCERT MAGIC	SOUND SELECT	REC	LESSON

Code 238533	A KEP-342 Panel	(5) 110V - 120V
	B KEP-343 Volume	(6) 220V - 240V
	C KEP-344 Amp	
	D KEP-345 HP	
	E KEP-346 MIDI	
	F KEP-347 LED	
	G KEP-348 Inlet	

KEP-348 (5) 110-120V



KEP-348 (6) 220-240V



U3,D5,U4 : Apply the silicon Grease before fixing to the heatsink.
Each leg of the parts needs to be resoldered after fixing to the heatsink.

KDP80 Assembly Instructions



Caution

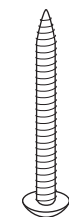
- Ensure that this section is read thoroughly before attempting to assemble the KDP80 digital piano, and that two or more people work on unit assembly.
- When moving the KDP80 digital piano, ensure that hands are not caught in the unit, and that the piano is not dropped on an individual's feet.

Before attempting to assemble the KDP80 digital piano, ensure that all parts are included.

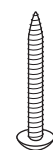
A Phillips-head screwdriver will also be required to assemble the unit (not included).

PARTS PROVIDED

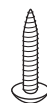
Side Panel (A)	2 pcs.
Back Panel (B)	1 pc.
Pedal Board (C)	1 pc.
Screw (D)	2 pcs.
Screw (E)	4 pcs.
Screw (F)	10 pcs.
Bolt (with plain washers and spring washers) (G)	4 pcs.
Adjuster (H)	1 pc.



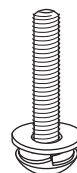
Screw (D)
ø4 x 30



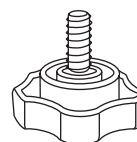
Screw (E)
ø4 x 20



Screw (F)
ø4 x 14



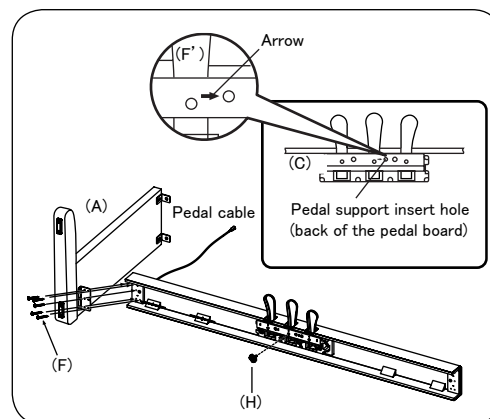
Bolt (G)
M6 x 25



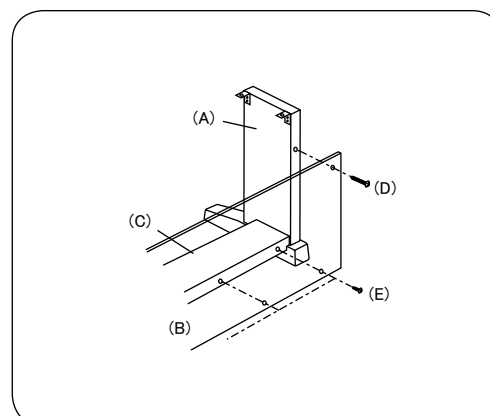
Adjuster (H)

ASSEMBLY SEQUENCE

1. Insert the Adjuster (H) approximately 1 cm into the bottom of the Pedal Board (C).
Untie and extend the connection cord from the Pedal Board. Loosely fasten the left and right Side Panels (A) to the Pedal Board (C) using a single short screw (F) for each side. After ensuring that the correct Side Panels are used for the left and right side, and that the pedal cable is not caught between the assembled parts, securely fasten the Side Panels to the Pedal Board using an additional four short screws (F) on each side.



2. Fasten the Back Panel (B) to the left and right Side Panels (A) using a single long screw (D) on either side.
Then, fasten the Back Panel to the Pedal Board using four medium screws (E).

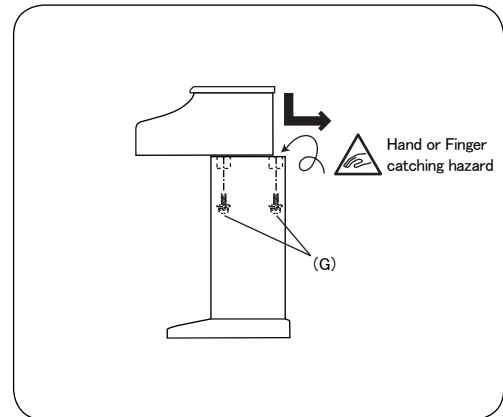


- Place the piano on the front half of the stand so that the metal fitting holes are seen when viewed from the top. Slide the piano backward while holding it with one hand so that it does not incline and fall from the stand. The hooks on the piano are then engaged with the metal fittings on the Side Panels. Pay attention so that hands or fingers are not caught between the stand and piano.

Fasten the piano and the stand with four bolts (with plain washers and spring washers)(G).

First, loosely tighten the bolts to adjust the unit position in order to make sure that all four bolts can be inserted straight. Then, tighten the bolts.

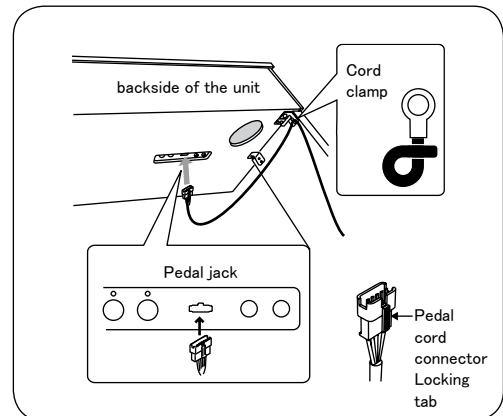
Make sure that the bolts are tightened until the spring washers collapse.



Caution

- Ensure that the KDP80 digital piano is correctly secured to the stand by using the bolts included. Failing to do so may result in the unit falling from the stand, causing damage or personal injury.

- Insert the pedal connection cord that comes from Pedal Board (C) into the piano's pedal jack and fasten with cord clamps.

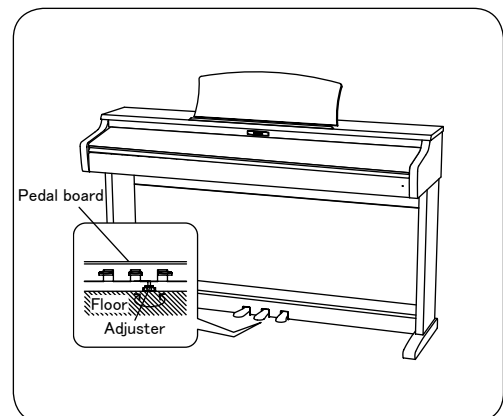


- Turn the Adjuster (installed on the bottom of C) until it touches the floor to support the pedal board.



Caution

- The pedal board may break if the adjuster is not touching the floor correctly. When moving the KDP80 digital piano, ensure that the unit is lifted clearly from the floor and not dragged.



■ Packing Figure KDP80

	PART NAME	CODE NO.	QTY						
			CD	AU	KA	GE120	GE230	AR	CV
01	PE BAG	810924	1	1	1	1	1	1	1
02	OWNERS MANUAL(English)	951418	1	1	1	1	1		
03	OWNERS MANUAL(Spanish)	816874				1	1	1	
04	OWNERS MANUAL(China)	817355							1
05	STAND ASSY. INSTRUCTION	816005	1	1	1	1	1	1	1
06	Fuction Sticker (L)	816900	1	1	1	1	1	1	1
07	Fuction Sticker (R)	816353	1	1	1	1	1	1	1
08	AC CORD	812805				1			
09	AC CORD	809170	1				1		
10	AC CORD	816147						1	
11	AC CORD	814197			1				
12	AC CORD	809171		1					
13	AC CORD	952404							1
14	KDP80 Screw Set						273601	Q'TY	
15	+Pan Head Machine Screw M6*25 With Spring Washer & Plain Washer Black						798848	4	
16	+Truss Head Tapping #1 4*30 Black						798368	2	
17	+Truss Head Tapping #1 4*16 Black						797287	8	

Stand Back Board KDP80
951417

Back Board Carton
816372C

Side Board Carton
816372F

Lower Cushion
816906

Sleeve
816372B

WB-11B
951419

Position Carton
816904A

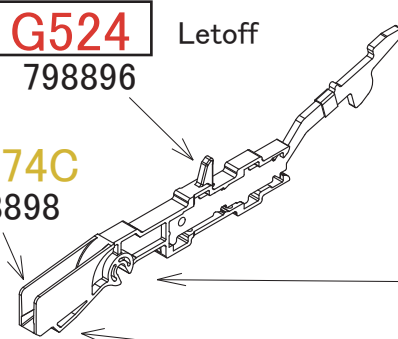
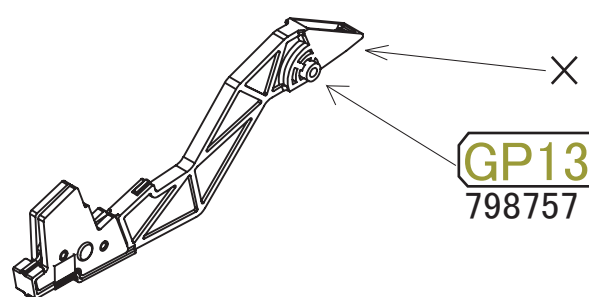
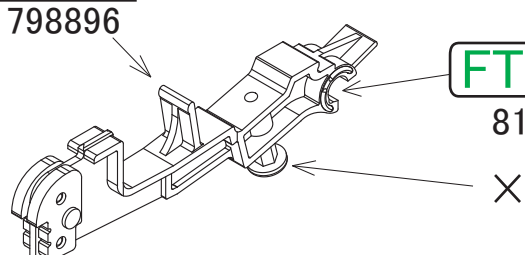
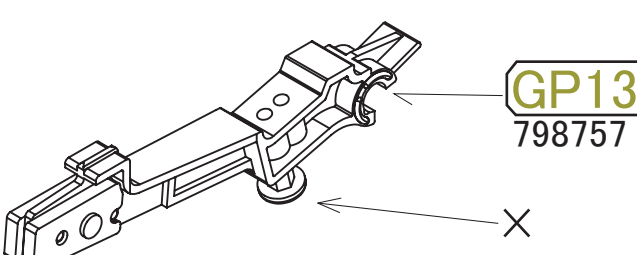
Case Carton
816904

Pedal Board Carton
816372D

Upper Cushion
816905

1	US,AU,KA,GE 120,230,AR	934161	Bench WB-10 Rose
2	CD-IN, CG-IN,CV-IN		No Bench (No Spacer)

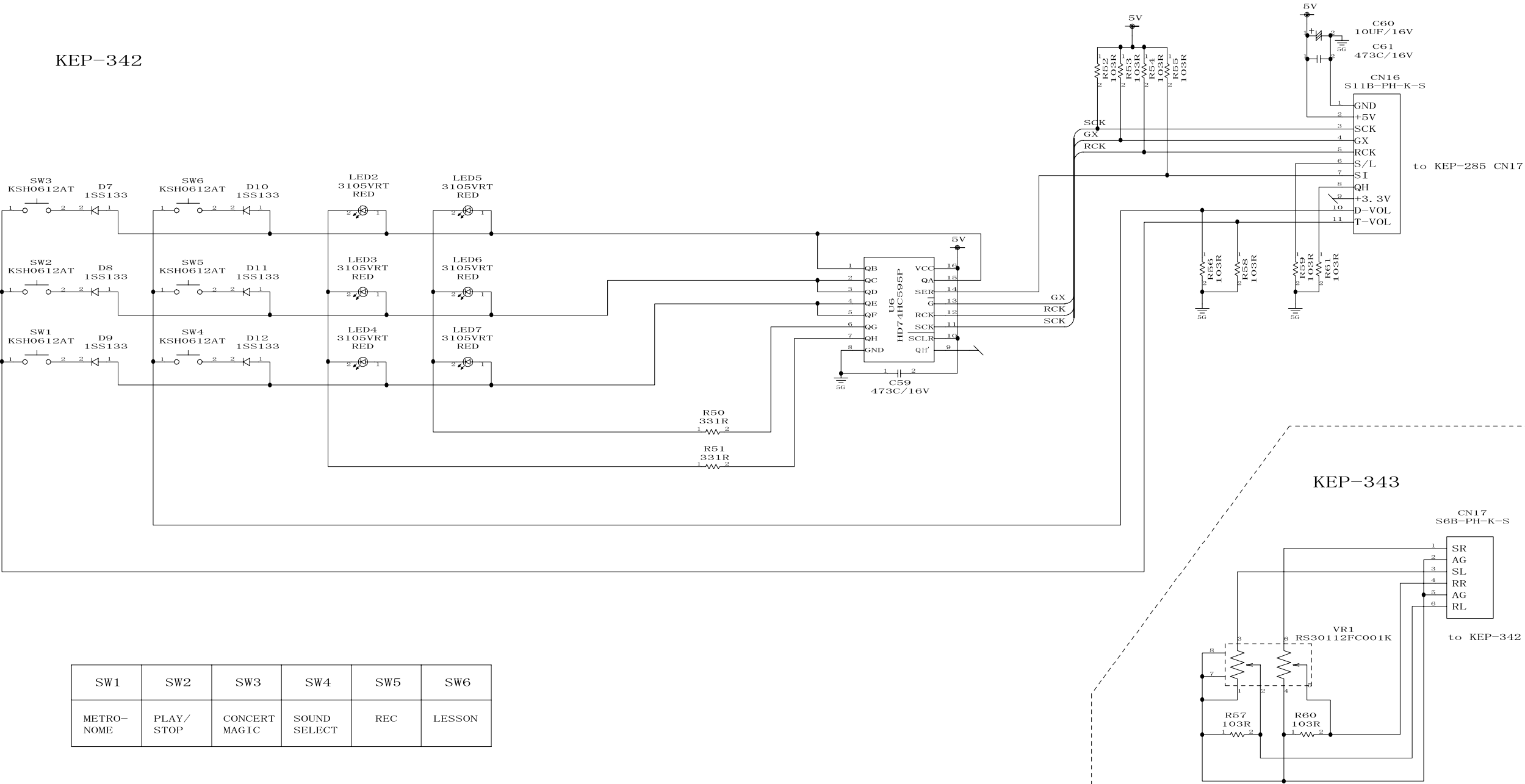
Keyboard GREASE

NEW	OLD
<p><u>RH</u> MP6,CN33,23 CP119</p> <p>G524 798896 Letoff</p> <p>G474C 798898</p>  <p>FTG50 815685</p>	<p><u>RG,RGA</u> PN2/PN3/PN4/ CN21/CL25/CN41/ es1P/L31/La3/MP5</p>  <p>GP130 798757</p>
<p><u>WM</u> MP10,CA93,63 CP139.179,209</p> <p>G524 798896 Letoff</p>  <p>FTG50 815685</p>	<p><u>WL</u> CA12/CA18/CA71/CA91 /CA51/CA1000GP(II) /CE200/L51/MP8 II</p>  <p>GP130 798757</p>

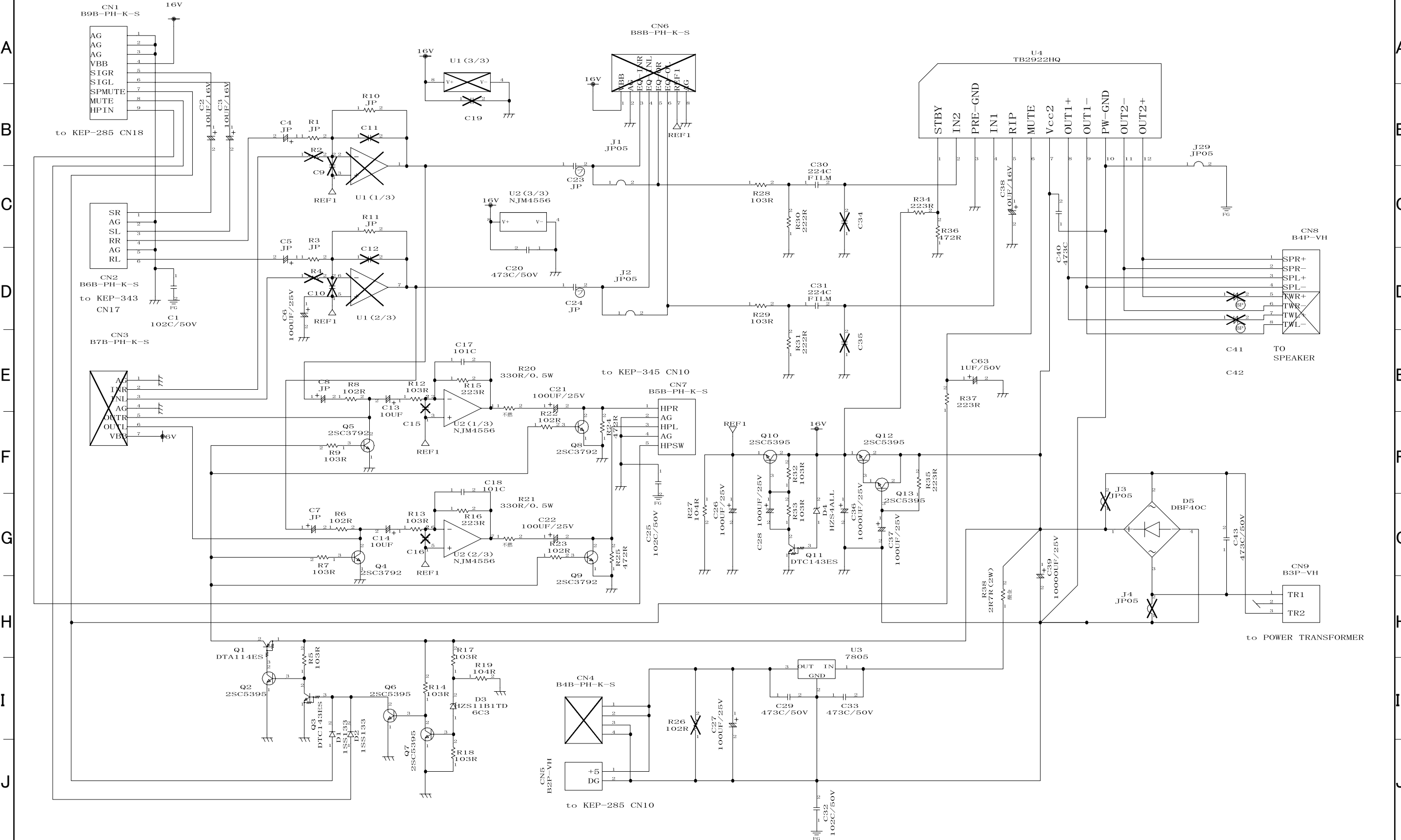
Other Positions

G-474C
798898

■KEP-342, 343 (5)(6)

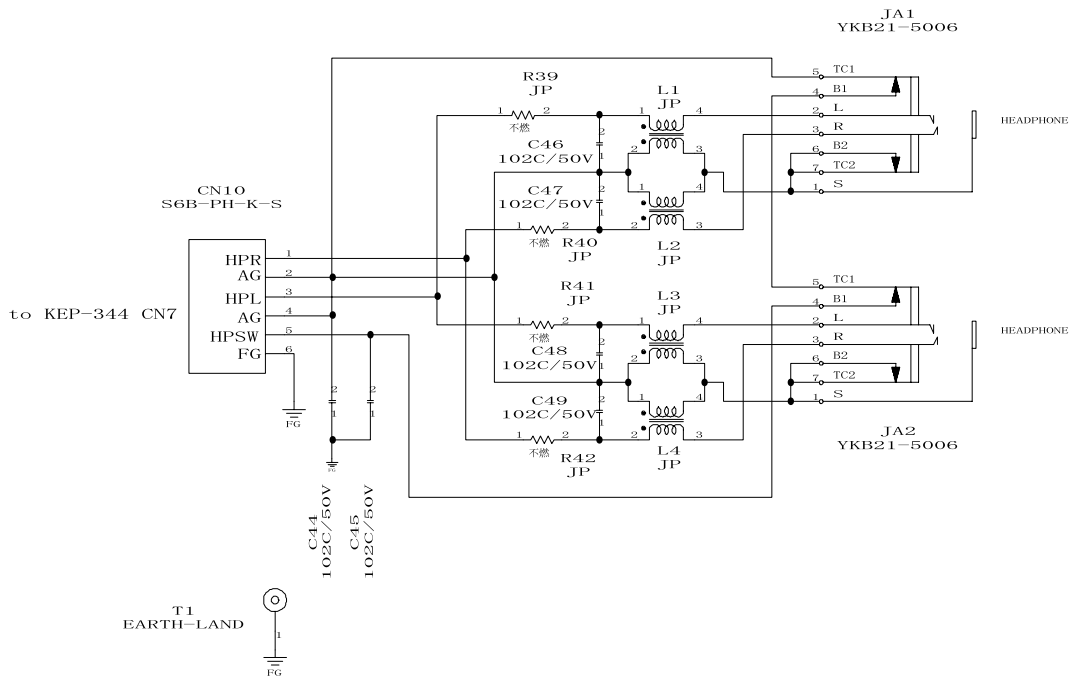


■KEP-344 (5)(6)

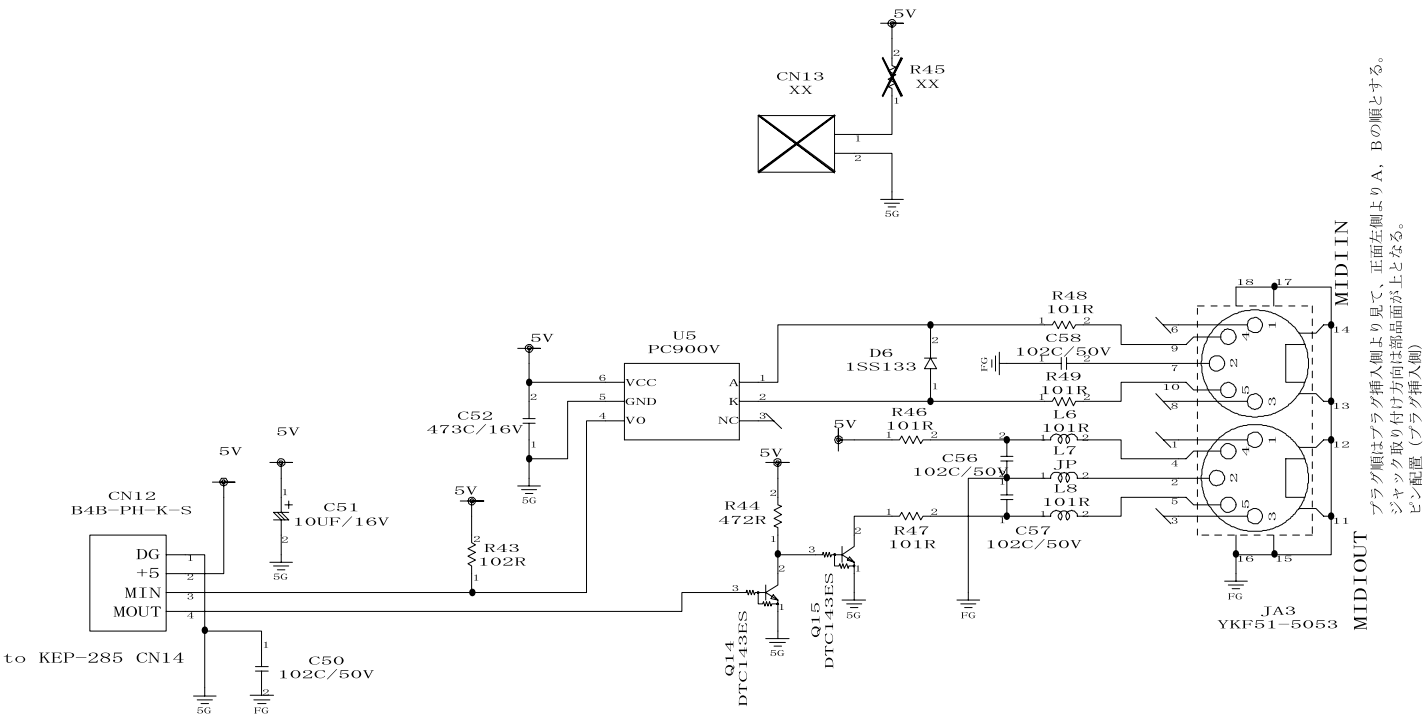


■KEP-345-349 (5)(6)

KEP-345



KEP-346



KEP-348

RATED POWER VOLTAGE		AC110-120V	AC220-240V
JUMPER ADDRESS		J7	J6
FUSE TYPE		218 001MXP	218 .630MXP
AC INLET		CCT9302-0201	CCT9302-0101

