
9 Exploded Views and Parts List

9-1 Main Set

9-1-1 Exploded View

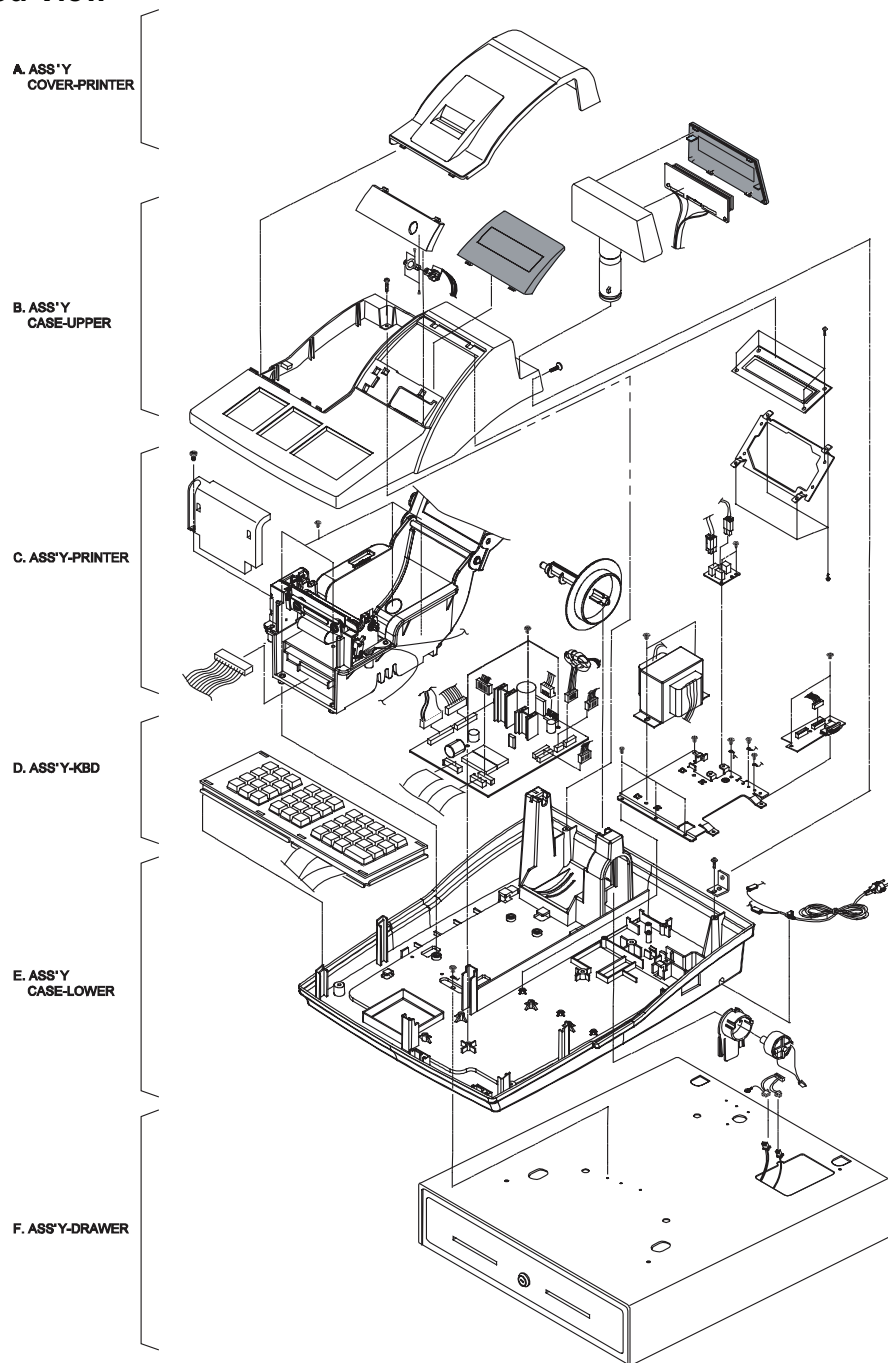


Figure9-1 Total Disassembly

9 Exploded Views and Parts List

9-1 Main Set

9-1-2 Parts List

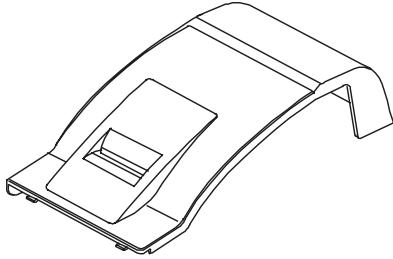


Figure9-2 Cover Printer Assembly

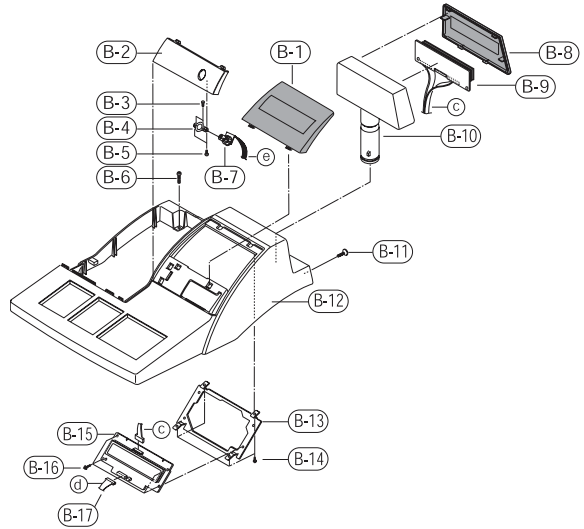


Figure9-3 Case Upper Assembly

9-1-2 A. ASS'Y COVER-PRINTER

No.	Parts No.	Description / Specification	Q'ty	Design-Location	Serviceabl e	Remark
A	JK97-20009A	MEA-COVER PRINTER,ER-380,STD	1		Y	
	JK72-20062A	PMO-COVER PRINTER,HIPS(V0),IVORY	1		N	
	JK70-10320A	IPR-CUTTER PAPER,STS304,T0.3	1		N	

9-1-2 B. ASS'Y CASE-UPPER

No.	Parts No.	Description / Specification	Q'ty	Design-Location	Serviceabl e	Remark
B	JK94-01124A	PRA ETC-CASE-UPPER,ER-380,STD	1		N	
B-1	JK72-20063A	PMO-WINDOW DISPLAY,PC,ENGLISH(STD)	1		Y	
B-2	JK72-20061A	PMO-COVER MODE S/W,HIPS(V0),ENGLISH(STD)	1		Y	
B-3	6002-000319	SCREW-TAPPING,PH,+,2,M3,L8,ZPC(YEL)	2	C/MODE+MODE ASS'Y	Y	
B-4	JK70-10004A	IPR-BRKT MODE_S/W,SBHG-1,T1	1		Y	
B-5	6002-000319	SCREW-TAPPING,PH,+,2,M3,L8,ZPC(YEL)	2	B/MODE+C/MODE	Y	
B-6	6002-000172	SCREW-TAPPING,PH,+,2S,M4,L15	1	C/UPPER+C/LOWER	Y	
B-7	JK96-10044A	MODE KEY ASSY,ER-380	1		Y	
B-8	JK72-40209B	PMO-WINDOW TURRET,PC	1		Y	
B-9	JK92-01231A	PBA -TURRET,ER-380	1		Y	
B-10	JK72-00015A	PMO-TURRET BODY,HIPS(V0)	1		Y	
B-11	6001-000367	SCREW-MACHINE,FH,+,M4,L10	1	C/UPPER+C/LOWER	Y	
B-12	JK72-00012A	PMO-CASE UPPER,ER-380,STD	1		Y	
B-13	JK70-10407A	IPR-BRKT WINDOW_PCB,SECC,T1.2	1		Y	
B-14	6002-000175	SCREW-TAPPING,PWH,+,2,M3,L8,ZPC(YEL)	4	B/WINDOW+C/UPPER	Y	
B-15	JK92-01242A	PBA SUB-380,DISPLAY,FUTABA,10G	1		Y	
B-16	6002-000175	SCREW-TAPPING,PWH,+,2,M3,L8,ZPC(YEL)	4	PBA + B/WINDOW	Y	
B-17	JK39-40600A	HARNESS DISPLAY,ER-380	1		Y	

9-1 Main Set

9-1-2 Parts List

C. ASS'Y-PRINTER

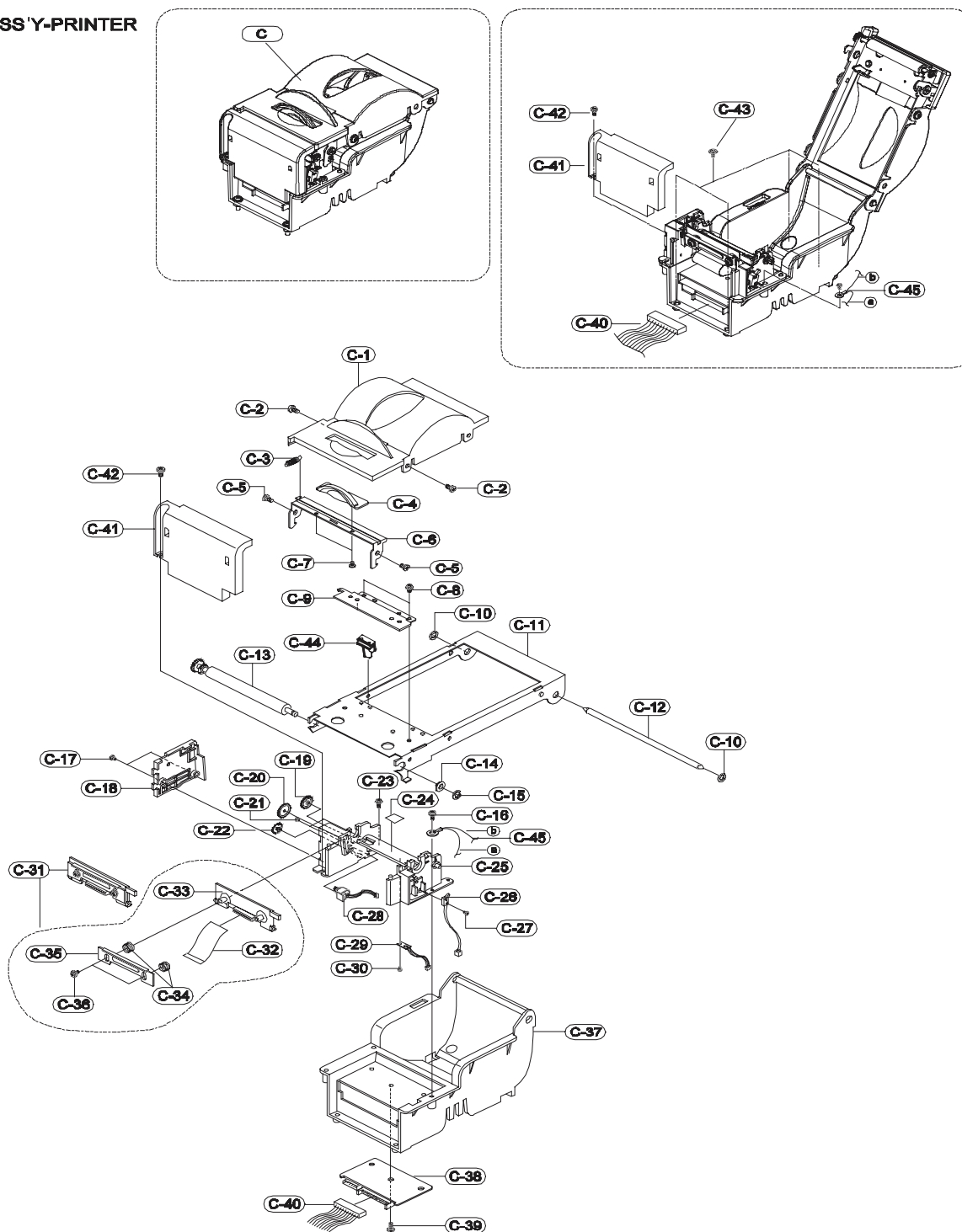


Figure9-4 Printer (STM-210)

9-1 Main Set

9-1-2 Parts List

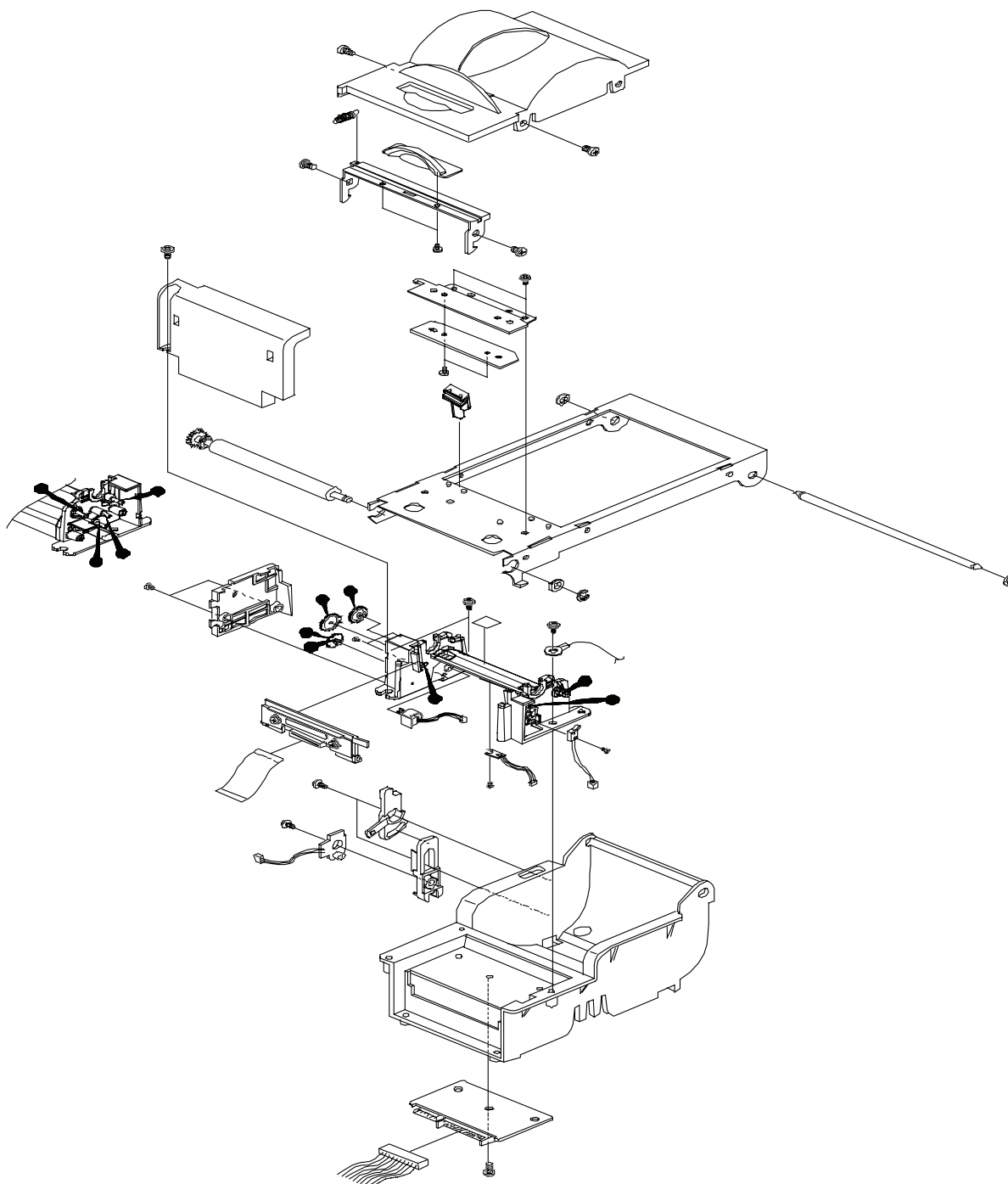


Figure9-5 Lubrication Points of the Printer (STM-210)

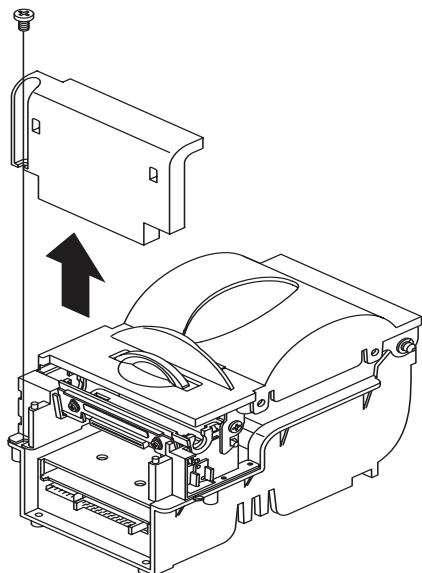
9-1-2 C. ASS'Y PRINTER

No.	Parts No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
C	JK59-20001A	UNIT-PRINTER:STM-210	1		Y	
C-1	JK72-20001A	PMO-COVER TOP: HIPS(HB),IVORY	1		Y	
C-2	6001-000665	SCREW-MACHINE: PWH,+,2,M3,L4,ZPC(YEL)	2		Y	
C-3	JK70-30001A	SPRING-HOOK: SWP	1		Y	
C-4	JK72-20003A	PMO-CAP LEVER: HIPS(HB),BLUE	1		Y	
C-5	JK60-00003A	SCREW-SPECIAL: SUM 24L,WHITE	2		Y	
C-6	JK70-20003A	IPR-BRACKET HOOK: SECC T1.0	1		Y	
C-7	JK70-50011A	SCREW TAPPING: PH,+,2,M2,L4,WHITE	2		Y	
C-8	6001-000665	SCREW-MACHINE: PWH,+,2,M3,L4,ZPC(YEL)	2		Y	
C-9	JK70-20002A	IPR-FIXED CUTTER: SECC T1.2	1		Y	
C-10	JK70-50004A	POLY WASHER: Φ3.1,RED	2		Y	
C-11	JK70-20001A	IPR-COVER HOUSING: SECC T1.0	1		Y	
C-12	JK70-70001A	ICT-SHAFT HINGE: SUM	1		Y	
C-13	JK97-10002A	ASSY-PLATEN ROLLER: STM-210	1		Y	
C-14	JK70-50002A	ICT-BUSHING	1		Y	
C-15	JK70-50010A	E-RING: Φ2.0, T0.5	1		Y	
C-16	6002-000147	SCREW-TAPPING: PH,+,2,M3,L10,ZPC(YEL)	1		Y	
C-17	JK70-50009A	SCREW-MACHINE: RH,+,2,M2,L4,WHITE	2		Y	
C-18	JK72-20005A	PMO-SIDE COVER: POM,BLK	1		Y	
C-19	JK72-20007A	PMO-GEAR REDUCTION 17_39: POM	1		Y	
C-20	JK72-20008A	PMO-GEAR REDUCTION 21_41: POM	1		Y	
C-21	JK70-50006A	SCREW-MACHINE: RH,+,2,M1.7,L2,WHITE	2		Y	
C-22	JK72-20006A	PMO-GEAR REDUCTION 13_43: POM	1		Y	
C-23	6002-000147	SCREWTAPPING: PH,+,2,M3,L10,ZPC(YEL)	1		Y	
C-24	JK68-40002A	LABEL(P)-WARNING HOT: ART-PAPER	1		Y	
C-25	JK70-20004A	IPR-MAIN FRAME	1		Y	
C-26	JK96-01233A	ELA-LEVER SENSOR	1		Y	
C-27	JK70-50007A	SCREW-MACHINE: RH,+,2,M1.7,L8,WHITE	1		Y	
C-28	JK59-40001A	MOTOR ASS'Y: STM-210	1		Y	
C-29	JK96-01231A	ELA-P/END SENSOR	1		Y	
C-30	JK70-50009A	SCREW-MACHINE: RH,+,2,M2,L4,WHITE	1		Y	
C-31	JK97-10004A	ASS'Y TPH: STM-210	1		Y	
C-32	JK39-40554A	CBF SIGNAL-PRINTER FFC: 21P,120MM	1		Y	
C-33	JK97-10004B	ASS'Y TPH,HEAT-SINK: STM-210	1		Y	
	JK47-10001A	TPH: ROHM	1		N	
	JK70-50005A	TPH TAPE: 3M	1		N	
	JK70-20006A	HEAT-SINK: ZNDC	1		N	
C-34	JK70-30002A	SPRING-TPH: SWP	2		Y	
C-35	JK70-20005A	IPR-BRACKET-REAR: SECC T1.0	1		Y	
C-36	6001-000665	SCREW-MACHINE: PWH,+,2,M3,L4,ZPC(YEL)	2		Y	
C-37	JK72-20002A	PMO-PAPER SUPPLY: ABS+GF 20%	1		Y	
C-38	JK92-01224A	PBA-SUB PRT CONN BOARD: STM-210	1		Y	
C-39	6002-000175	SCREW-TAPPING: PWH,+,2,M3,L8,ZPC(YEL)	1		Y	
C-40	JK39-00012A	CBF-HARNESS-KEY OPTION: 200mm	1		Y	
C-41	JK72-20009A	PMO-COVER FRONT: HIPS(HB);NON AUTO CUTTER	1		Y	
C-42	6002-000147	SCREW TAPPING: PH,+,2,M3,L10,ZPC(YEL)	1		Y	
C-43	6003-000198	SCREW TAPPING: PWH,+,2,M3,L12,ZPC(YEL)	4		Y	
C-44	JK72-20114A	PMO-SEPARATOR;STM-210,ABS+GF20%,BLACK	1		Y	
C-45	JK39-40021A	CBF HARNESS:ER-250F,-,UL1015,330/130,GRN	1		Y	

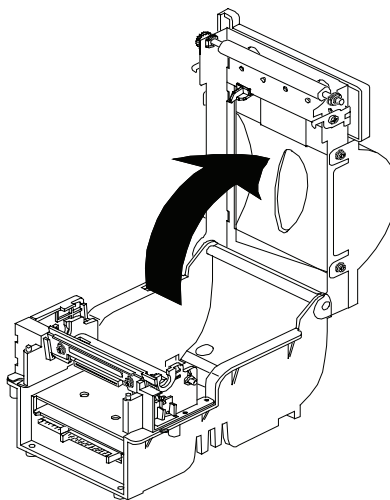
9-2 Printer (STM-210)

9-2-3 Thermal Printer Head assembly replacement

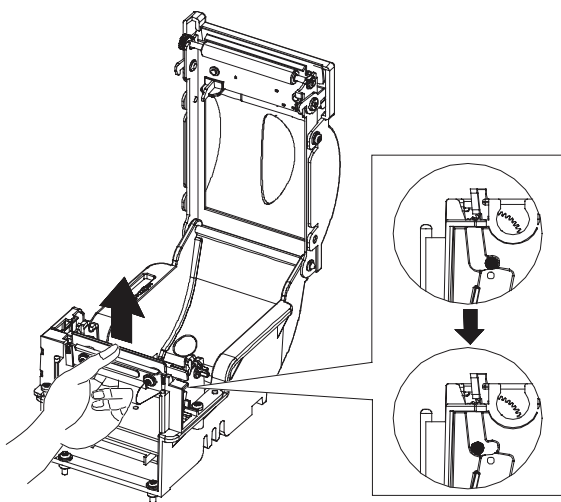
1. Unscrew the bolt of COVER FRONT and disassemble it from the PRINTER.



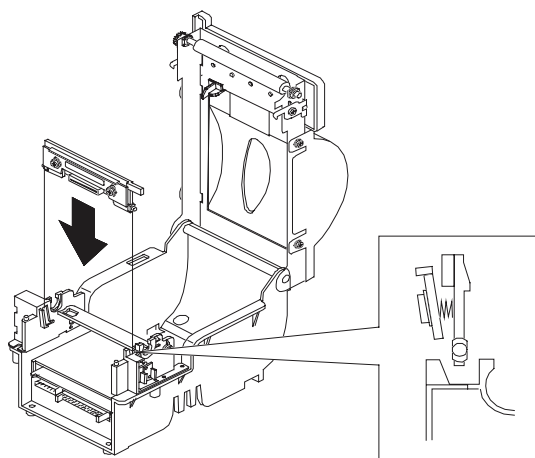
2. Open the COVER TOP.



3. Disassemble the TPH assembly by pulling the lower part of TPH assembly and lift it up.



4. Assemble the TPH assembly in reverse order and close the COVER TOP.



9-3 Key Board

9-3-1 Exploded View

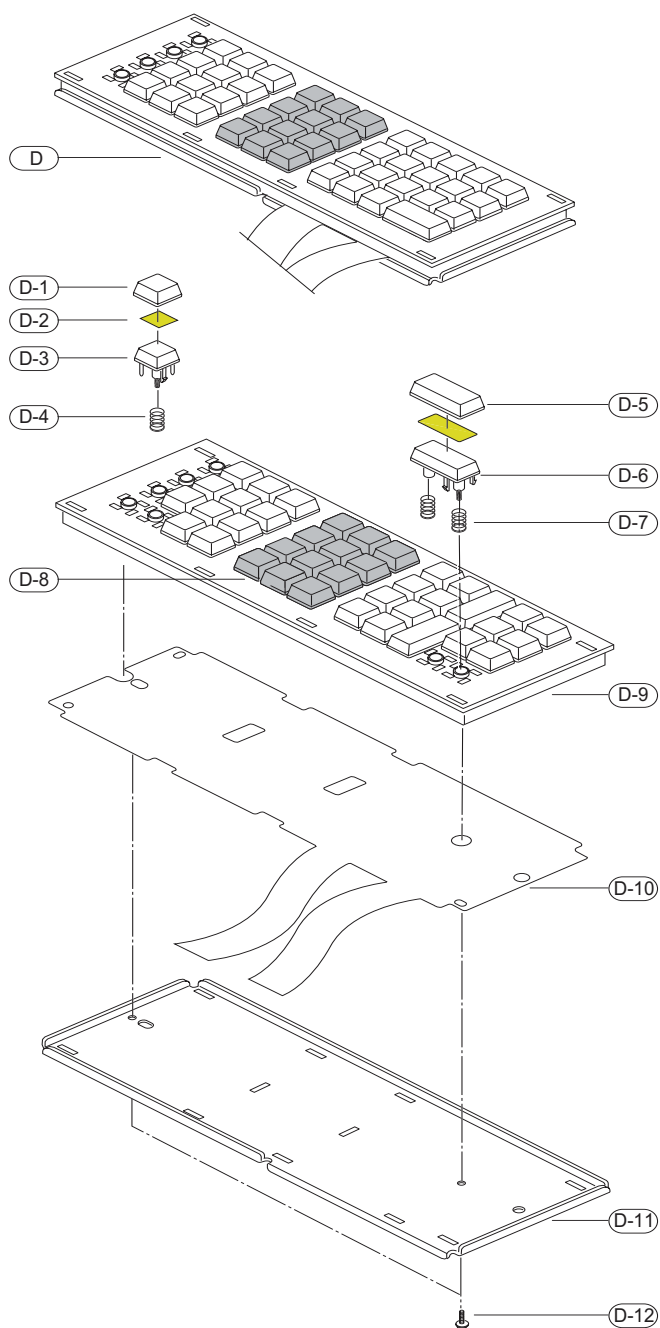


Figure9-6 Key Board (44Key)

9 Exploded Views and Parts List

9-3-2 D. ASS'Y KBD

No.	Parts No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
D	JK59-30011A	UNIT-KEYBOARD,STD ER-380,ENGLISH,44K,MEMBRANE	1		Y	
	JK59-30011B	UNIT-KEYBOARD,CRS	1		Y	
	JK59-30011C	UNIT-KEYBOARD,YCR	1		Y	
	JK59-30011D	UNIT-KEYBOARD,MUL	1		Y	
	JK59-30011E	UNIT-KEYBOARD,MIRA	1		Y	
D-1	JK81-10945A	KEY-CAP(S),1X1	30		Y	
D-2	-	LABEL-KEY TOP SET,ER-380	1		N	
D-3	JK81-20013A	KEY-TOP ASS'Y(S),1X1	30		Y	
D-4	JK81-10285T	SPRING RETURN,1X1	30		Y	
D-5	JK81-10946A	KEY-CAP(L),1X2	1		Y	
D-6	JK81-20014A	KEY-TOP ASS'Y(L),1X2	1		Y	
D-7	JK81-20001A	SPRING-RETURN,1X2	2		Y	
D-8	JK81-10933A	KEY-TOP,1	1		Y	
	JK81-10934A	KEY-TOP,2	1		Y	
	JK81-10935A	KEY-TOP,3	1		Y	
	JK81-10936A	KEY-TOP,4	1		Y	
	JK81-10937A	KEY-TOP,5	1		Y	
	JK81-10938A	KEY-TOP,6	1		Y	
	JK81-10939A	KEY-TOP,7	1		Y	
	JK81-10940A	KEY-TOP,8	1		Y	
	JK81-10941A	KEY-TOP,9	1		Y	
	JK81-10942A	KEY-TOP,0	1		Y	
	JK81-10943A	KEY-TOP,00	1		Y	
	JK81-10944A	KEY-TOP,●	1		Y	
D-9	JK72-60448A	HOUSING	1		Y	
D-10	JK81-10949A	FPC ASS'Y	1		Y	
D-11	JK70-10422A	FRAME(T0.8)	1		Y	
D-12	6002-000114	SCREW TAPPING,PH,+,2,M3,L8,ZPC(YEL)	2		Y	

9-4 Main Set

9-4-1 Exploded view

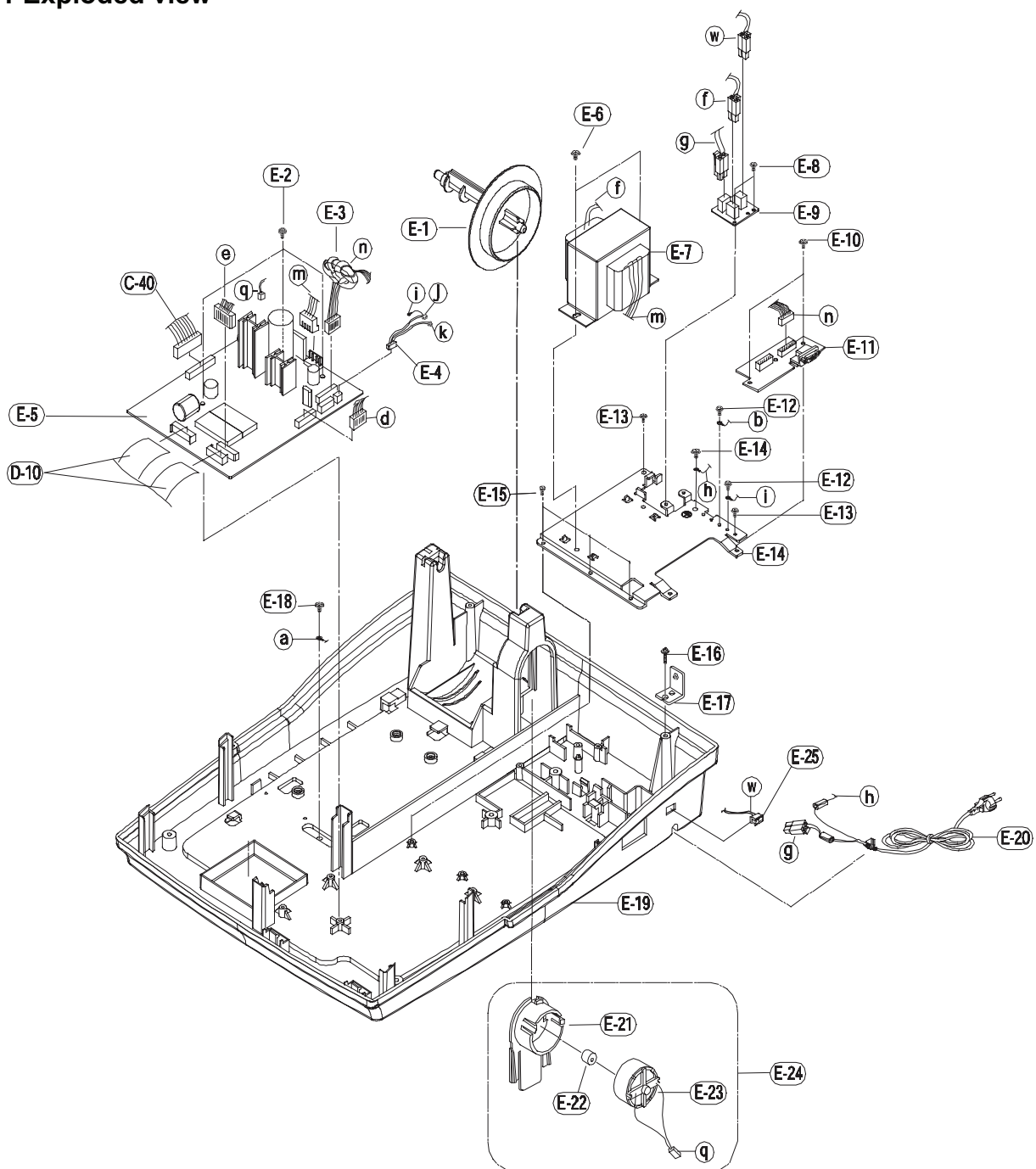


Figure9-7 Case Lower Assembly

9 Exploded Views and Parts List

9-4-2 E. ASS'Y CASE-LOWER

No.	Parts No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
E-1	JK72-40215A	PMO-PULLY WINDING,ABS(V0),BLK	1		Y	
E-2	6002-000174	SCREW-TAPPING,PWH,+,2,M3,L10,ZPC(YEL)	3		Y	
E-3	JK39-00039A	CBF HARNESS-RS232,FLAT,UL1007,22	1		Y	
E-4	JK39-40563B	CBF HARNESS-D/W,DRAWER CONNECTOR,180mm	1		Y	
E-5	JK92-01244A	PBA MAIN-BOARD,ER-380,EUROPE	1		Y	
	JK92-01244B	PBA MAIN-BOARD,ER-380,USA	1		Y	
E-6	6006-000187	SCREW-MACHINE,WT,BH,+,M4,L6,ZPC(YEL),	2		Y	
E-7	JK26-00013A	TRANS-POWER:USA,120V 60Hz	1		Y	
	JK26-00012A	TRANS-POWER:EUROPE,230V 50Hz	1		Y	
E-8	6002-000174	SCREW-TAPPING,PWH,+,2,M3,L10,ZPC(YEL)	2		Y	
E-9	JK92-01227C	PBA SUB-POWER SW,ER-380	1		Y	
E-10	6001-000665	SCREW-MACHINE:PWH,+,M3,L4,ZPC(YEL)	2		Y	
E-11	JK92-01280A	PBA SUB-I/F:ER-380/M,232*2	1		Y	
E-12	JK60-00001A	SCREW-ASSY TAPTITE:-,SWRCH18A,M3,L8	2		Y	
E-13	6002-000174	SCREW-TAPPING:PWH,+,2,M3,L10,ZPC(YEL)	2		Y	
E-14	JK70-20018A	IPR-BRKT TRANS:ER-380,SECC T1.6	1		Y	
E-15	6003-000259	SCREW-TAPTITE:BH,+,B,M3,L8,ZPC(YEL),SWRC	3		Y	
E-16	6002-000171	SCREW-TAPPING: PH,+,2S,M4,L10,ZPC(YEL)	1		Y	
E-17	JK70-10002A	IPR-BRKT CASING: ER-380,SBHG-1,T1.6,-	1		Y	
E-18	6003-001149	SCREW-TAPTITE: PWH,+,S,M4,L10,ZPC(YEL),SR	1		Y	
E-19	JK72-00013A	PMO-CASE LOWER,S1:ER-380,HIPS	1		Y	
E-20	JK39-10002A	CBF-POWER CORD: AUSTRALIA	1		Y	
	JK39-10003A	CBF-POWER CORD: USA	1		Y	
	JK39-10008A	CBF-POWER CORD: UK	1		Y	
	JK39-10501A	CBF-POWER CORD: EUROPE	1		Y	
E-21	JK72-40206A	PMO-HOLDER MOTOR: HIPS(V0)	1		Y	
E-22	JK73-30200A	RCT-MOTOR: URETANE,BLK	1		Y	
E-23	JK96-10035A	ELA-MOTOR ASS'Y: ER-380	1		Y	
E-24	JK96-10036A	ELA ETC-MOTOR ASS'Y	1		Y	
	3101-001071	MOTOR-DC: 3270rpm,16g.cm,9V,130mA	1		N	
	JK39-40604A	HARNESS-SPOOL;ER-380,2P,400mm,NO CORE	1		N	
E-25	JK92-01227C	PBA SUB-POWER SW:ER-380	1		Y	

9-5 Drawer

9-5-1 Exploded View

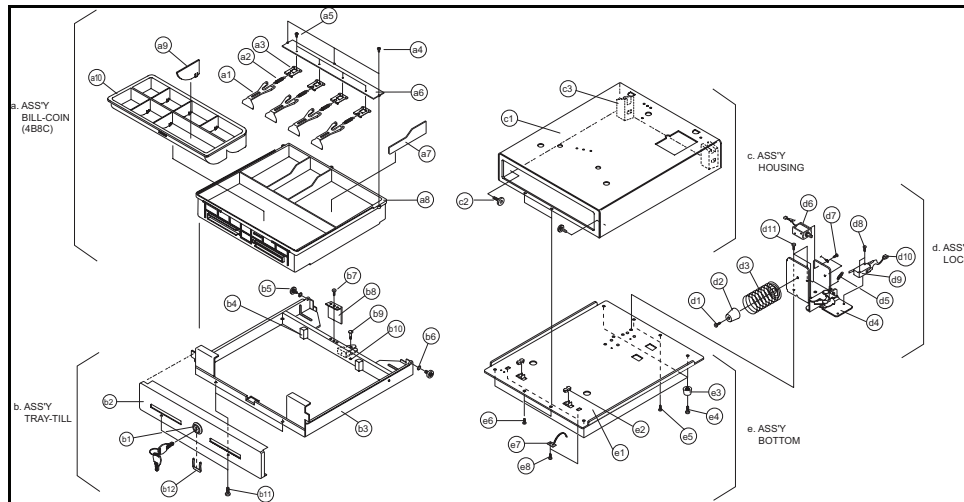


Figure9-13 Drawer (4B/8C)

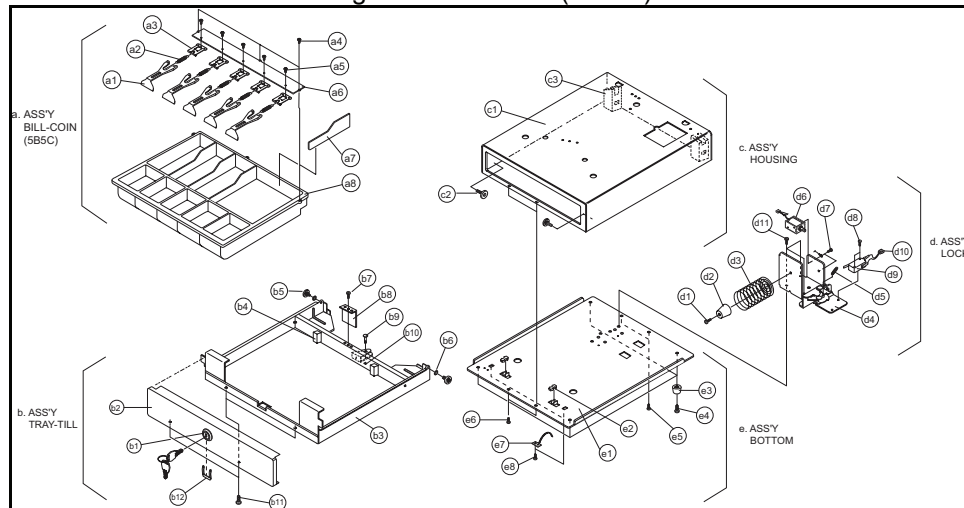


Figure9-14 Drawer (5B/5C)

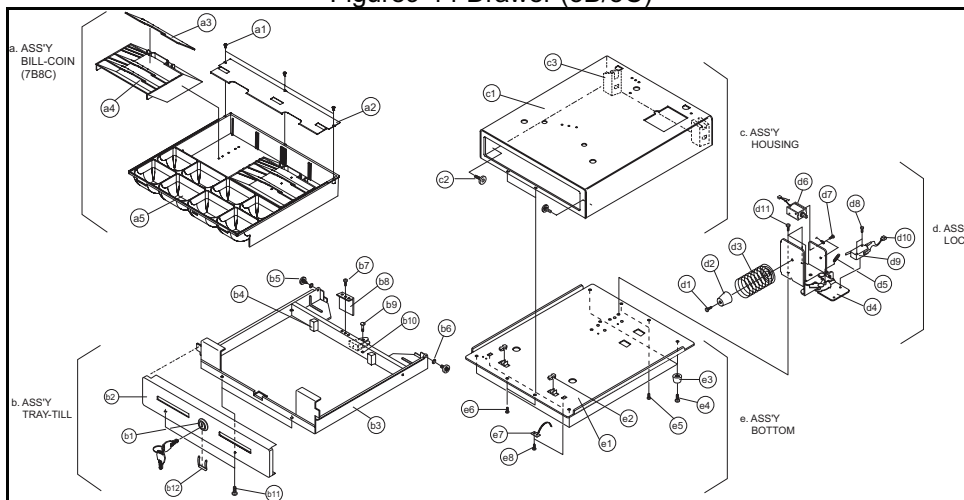


Figure9-15 Drawer (7B/8C)

9 Exploded Views and Parts List

9-5 Drawer

9-5-2 Parts List

9-5-2-(a) ASS'Y BILL-COIN (4B/8C, 5B/5C)

No.	Code No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
a	JK97-20014A	MEA-UNIT BILL COIN: A-TYPE, 4B8C	1		Y	
	JK97-00407A	MEA-UNIT BILL COIN: A-TYPE, 5B5C	1		Y	
a-1	JK72-40267A	PMO-LEVER PRESS: A-TYPE,POM	4		Y	
a-2	6107-000134	SPRING ES: SUS304	4		Y	
a-3	JK70-10314A	IPR-HOLDER LEVER: A-TYPE,T1.2,ZPC	4		Y	
a-4	6002-000175	SCREW-TAPPING: PWH,+2,M3,L8,ZPC(YEL)	3		Y	
a-5	6002-001078	SCREW-TAPPING: PWH,+2,M3,L5	4		Y	
a-6	JK70-10304A	IPR-PLATE HOLDER: A-TYPE,SBHG-1,T1.2	1		Y	
a-7	JK72-40269A	PMO-PANEL PARTITION: A-TYPE,HIPS,BLK	3		Y	
a-8	JK72-20088A	PMO-BILL COIN TILL: A-TYPE,4B8C,HIPS,BLK	1		Y	
	JK72-40268A	PMO-BILL COIN TILL: A-TYPE,5B5C,HIPS,BLK	1		Y	
a-9	JK72-20090A	PMO-COIN PARTITION: A-TYPE,4B8C	6		Y	
a-10	JK72-20089A	PMO-COIN TILL: A-TYPE,4B8C,-	1		Y	

9-5-2-(a) ASS'Y BILL-COIN (7B/8C)

No.	Code No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
a	JK97-01103A	MEA-UNIT BILL COIN: A-TYPE, 7B8C	1		Y	
a-1	6002-000175	SCREW-TAPPING: PWH,+2,M3,L8,ZPC(YEL)	3		Y	
a-2	JK70-00068A	IPR-HOLDER PLATE: A-TYPE,SBHG-1, T1.2	1		Y	
a-3	JK72-00083A	PMO-BILL PARTITION: A-TYPE,HIPS,BLK	5		Y	
a-4	JK72-00082A	PMO-BILL TILL: A-TYPE,HIPS,BLK	2		Y	
a-5	JK72-00084A	PMO-BILL COIN TILL: A-TYPE,HIPS,BLK	1		Y	

9-5-2-(b) ASS'Y TRAY-TILL

No.	Code No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
b	JK97-01073B	MEA-UNIT TRAY TILL: A-TYPE,5B5C	1		N	
	JK97-01073D	MEA-UNIT TRAY TILL: A-TYPE,4B8C,7B8C(EURO)	1		N	
b-1	JK75-10389A	MEC-LOCK: DRAWER	1		Y	
b-2	JK70-10014A	IPR-PLATE FRONT: A-TYPE,SBC-1,T1.0	1		Y	
	JK70-10014B	IPR-PLATE FRONT: A-TYPE,4B8C,7B8C	1		Y	
b-3	JK75-00025A	MEA-TRAY TILL: A-TYPE,4B8C,7B8C	1		N	
	JK75-00025B	MEA-TRAY TILL: A-TYPE,5B5C	1		N	
b-4	JK73-10203A	RPR-TENSION: DRAWER,SPONGE,BLK	2		N	
b-5	JK75-10386A	MEC-ROLLER: DRAWER,DR-10-B1/ Φ19	2		Y	
b-6	6031-000549	WASHER-PLAIN: IDΦ6.5,ODΦ13, T1.0	2		Y	
b-7	6003-000221	SCREW-TAPTITE: PWH,+2,M4,L8,ZPC(YEL)	1		Y	
b-8	JK70-10324A	IPR-SUPPORT TRAY: DRAWER,SBHG-1,T1.2	1		N	
b-9	JK70-40302A	ICT,SHAFT PIN: A-TYPE	1		N	
b-10	6044-000124	RING-E: IDΦ3,ODΦ7, T0.6,ZPC(BLK),STSC	1		Y	
b-11	6002-001042	SCREW-TAPPING: FH,+2,M3,L6	2		Y	
b-12	JK70-10323A	IPR-PLATE CLIP: DRAWER,SWP,T0.5	1		Y	

9-5 Drawer

9-5-2 Parts List

9-5-2(c) ASS'Y HOUSING

No.	Code No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
c	JK97-01074A	MEA-COVER HOUSING: A-TYPE,BASIC	1		N	
	JK97-01074B	MEA-COVER HOUSING: A-TYPE,NONE HOLE,OPTION	1		N	
c-1	JK75-00026A	MEA-SUB HOUSING: A-TYPE,BASIC	1		N	
	JK75-00026B	MEA-SUB HOUSING: A-TYPE,NONE HOLE,OPTION	1		N	
c-2	JK75-10386A	MEC-ROLLER: DRAWER,DR-10-B1/ Φ19	2		N	
c-3	JK73-20207A	REX-PAD DRAWER: DRAWER,NR,BLK	2		N	

9-5-2(d) ASS'Y LOCK

No.	Code No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
d	JK97-00985A	MEA-UNIT LOCK: A-TYPE,2-LATCH,LONG LEVER	1		Y	
	JK97-00987A	MEA-UNIT LOCK: A-TYPE,2-LATCH,SHORT LEVER	1		Y	
d-1	6002-000157	SCREW-TAPPING: PH,+2,M4,L14,ZPC(YEL)	1		Y	
d-2	JK73-20210A	REX-BUMPER: DRAWER,NR,BLK	1		Y	
d-3	JK61-70100A	SPRING-PUSH: DRAWER,FZN	1		Y	
d-4	JK75-00027A	MEC-LOCK LEVER: A-TYPE,2-LATCH,LONG LEVER	1		N	
	JK75-00027B	MEC-LOCK LEVER: A-TYPE,2-LATCH,SHORT LEVER	1		N	
d-5	6107-001014	SPRING-ES: Φ0.4,D4.8,L18	1		Y	
d-6	JK33-10500A	SOLENOID-DC: A-DRAWER	1		Y	
d-7	6001-000131	SCREW-MACHINE: BH,+2,M3,L6,ZPC(YEL)	2		Y	
d-8	6001-000525	SCREW-MACHINE: PH,+2,M3,L14,ZPC(YEL)	2		Y	
d-9	3405-001013	SWITCH-MICRO: 125V,5A	1		Y	
d-10	JK39-40301R	CBF-HARNESS: 2P,150MM,BRN,1007	1		Y	
d-11	6002-000161	SCREW-TAPPING: PH,+2,M4,L8,ZPC(YEL)	3		Y	

9-5-2(e) ASS'Y BOTTOM

No.	Code No.	Description / Specification	Q'ty	Design-Location	Serviceable	Remark
e	JK97-01976A	MEA-UNIT BOTTOM: A-TYPE	1		N	
	JK97-01076B	MEA-UNIT BOTTOM: A-TYPE,UNIVERSAL	1		N	
e-1	JK70-10938A	IPR-PLATE BOTTOM: A-TYPE,SBHG-1,T1.0	1		N	
e-2	JK73-40200A	RMO-STOPPER: DRAWER,NR,BLK	2		N	
	JK73-10902A	RMO-STOPPER: DRAWER,NR,BLK,UNIVERSAL	2		N	
e-3	JK61-40200A	RMO-FOOT RUBBER: DRAWER,NR,GRAY,80HB	4		Y	
e-4	6002-000234	SCREW-TAPPING: TH,+2,M4,L16,ZPC(YEL)	4		Y	
e-5	6003-000267	SCREW-TAPTITE: PWH,+2,M3,L8,ZPC(YEL)	6		Y	
e-6	6003-000267	SCREW-TAPTITE: PWH,+2,M3,L8,ZPC(YEL)	2		Y	
e-7	JK70-10401A	IPR-PLATE SPRING: DRAWER,STS304,T0.3	2		Y	
e-8	6003-000267	SCREW-TAPTITE: PWH,+2,M3,L8,ZPC(YEL)	4		Y	