

Service Manual

Notebook Computer

Supplement-1

CF-72



This is the Service Manual for
The following areas.

M...for U.S.A. and Canada

E...for U.K.

G...for Germany

F...for France

S...for Sweden

T...for Italy

P...for Spain

Replacement Parts Comparison Table

Note: Important Safety Notice

Components identified by  mark have special characteristics important for safety.
When replacing any of these components, use only manufacturer's specified parts.

Parts Comparison Table

REF. NO. and AREA	PART NO.		DESCRIPTION	Q'TY
	ORIGINAL	NEW		
Mechanical Parts				
K21	—————	DFHR7946ZA	SHEET, GUIDE, MP	0 →1
K47	—————	DFHR9044ZA	ASS'Y, COVER, HDD	0 →1
K48	—————	DFHR7945ZA	SHEET, COVER, HDD	0 →1
K52	—————	DFHR7959ZA	SHEET, 2, SLIDE, MP	0 →1
K54	—————	DFMX0897ZA	SHEET, PROTECTOR	0 →1
K115	DFHG1447ZA	DFHG1447YA	CUSHION, 2, CN, HDD	1
K154	—————	DFHR7929ZA	SHEET, SLIDE MP	3 →2
K164	DFHP7105ZA	—————	TAPE, PROTECTION	1 →0

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.

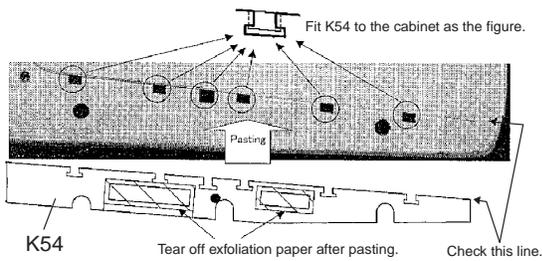
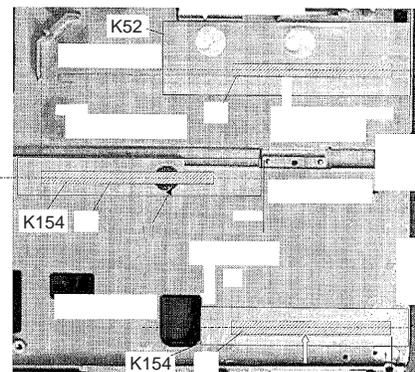
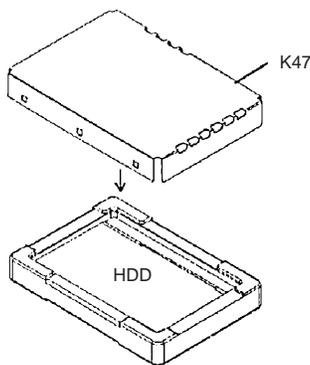
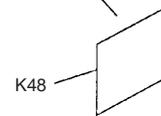
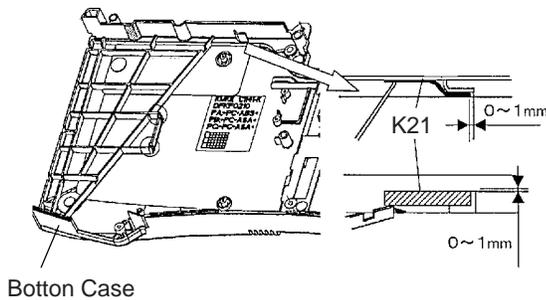


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Parts Comparison Table

REF. NO. and AREA	PART NO.		DESCRIPTION	Q'TY
	ORIGINAL	NEW		
Main Block Unit				
E6		A2CA00000031	ASS'Y, BACK LAMP, LCD	0 →1
E7		DFHE0443ZA	FPC CABLE, LCD	0 →1
Mechanical Parts				
K55		DFHE0439ZA	COVER, GATE, LCD	0 →1
K56		DFHE0440ZA	COVER, SOURCE, LCD	0 →1
K57		DFHE0441ZA	TAPE, SHIELD, LCD	0 →1
K58		DFHE0442ZA	TAPE, ADHESIVE, LCD	0 →1
K59		DFHE0444ZA	ID LABEL, LCD	0 →1

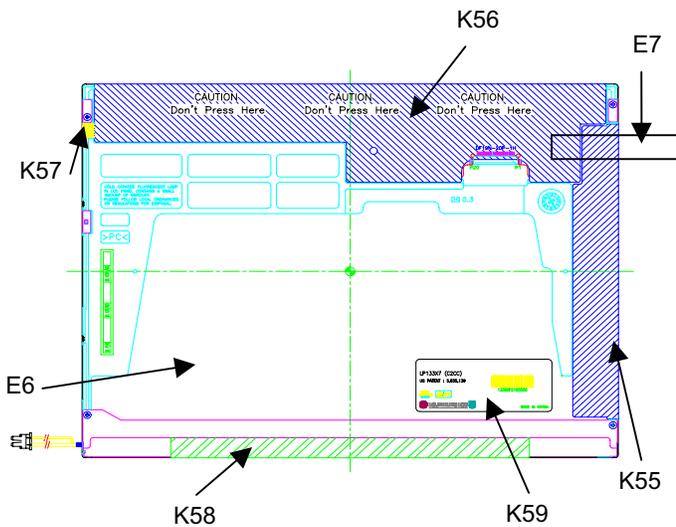
Exploded View



How to replace the Back Lamp of LCD

Notes: Please order the parts as shown below, when replace the Back Lamp of LCD.

NO.	PART NO.	PART NAME	Q'TY
E6	A2CA00000031	BACK LAMP, LCD	1
K55	DFHE0439ZA	COVER, GATE, LCD	1
K56	DFHE0440ZA	COVER, SOURCE, LCD	1
K57	DFHE0441ZA	TAPE, SHIELD, LCD	1
K58	DFHE0442ZA	TAPE, ADHESIVE, LCD	1
E7	DFHE0443ZA	FPC, CABLE, LCD	1
K59	DFHE0444ZA	ID LABEL, LCD	1



Back Light Ass'y Exchange process

1. Disassembly of outside Tape / Cover shield

- (1) Disassembly of Tape Adhesive used for fixing Top Case

Caution : Pressure or stress should not be given on Top Case during this process.

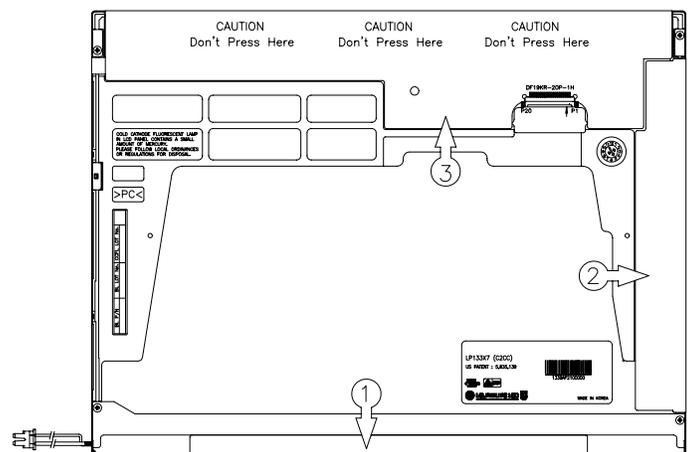
(2) Disassembly of Cover Shield-G

Caution : Pressure or stress should not be given on Top Case and Gate TCP.

(3) Disassembly of Cover Shield-S

Caution : Pressure or stress should not be given on Top Case and Source TCP.

It is recommended to use the Gloves with anti-electric discharge coating for eliminating possible damage on circuits occurred by ESC.



2. Disassembly of Shield Tape, FPC, T/Case and Board Ass'y

(1) Disassembly of Tape Shield

(2) Disassembly of FPC

Caution: PCB pads at the soldering part should not be disconnected.

(3) Disassembly of Top Case

Caution: Pressure or stress should not be given on Top Case , Gate TCP and Source TCP.

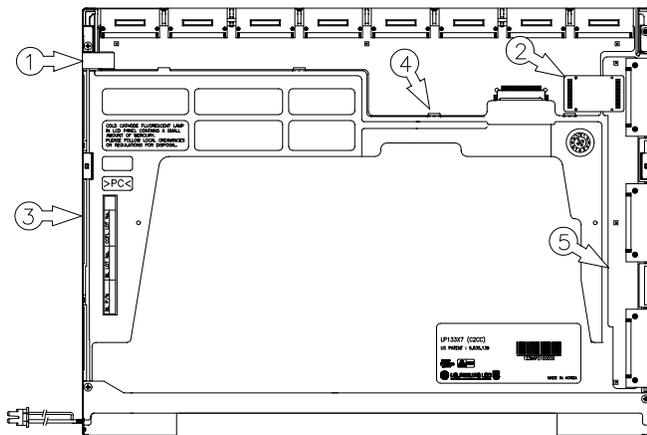
(4) Disassembly of Source PCB

Caution : User Connector should be disconnected with pushing Source PCB upward.

(5) Disassembly of Board Ass'y after Gate PCB disassembly

Caution : Pressure or stress should not be given on PCB and TCP during disassembling Gate PCB from Supporter Main because there is double adhesive tape between Gate PCB and Supporter Main.

1 This process should be made in Clean Room with no scratch nor particle on Polarizer and B/L Ass'y.



3. Replace Back Light Ass'y with New Back Light ass'y

1 This process should be made in Clean Room with no scratch nor particle on Polarizer and B/L Ass'y.

4. Assembly of Board Ass'y , T/Case, FPC and Shield Tape

(1) Assembly of Board Ass'y

Caution : Pressure or stress should not be given on PCB and TCP. When assembling, there is no scratch nor particle on Polarizer and B/L Ass'y.

(2) Assembly of Source and Gate PCB.

Caution : Pressure or stress should not be given on PCB and TCP. Before assembling the Gate PCB, remove the double adhesive tape on rear B/L Ass'y.

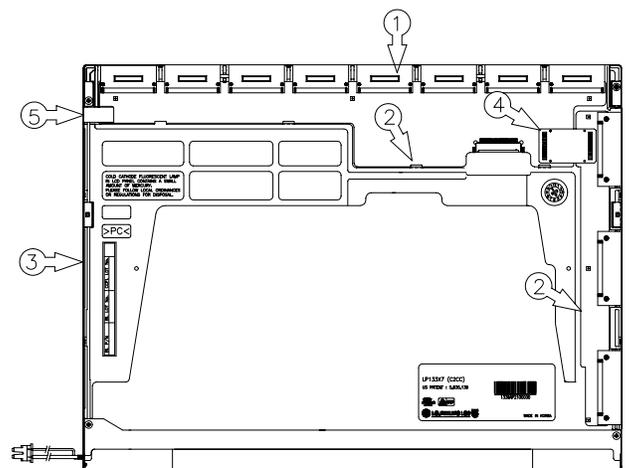
(3) Assembly of Top Case

Caution : Pressure or stress should not be given on TCP.

(4) Assembly of FPC

(5) Assembly of Tape shield.

1 This process should be made in Clean Room with no scratch nor particle on Polarizer and B/L Ass'y.



5. Assembly of outside Tape / Cover shield

(1) Assembly of Cover shield-S

Caution : Pressure or stress should not be given on Gate TCP

(2) Assembly of Cover shield-G

Caution : Pressure or stress should not be given on Source TCP.

(3) Assembly of Tape Adhesive

