ORDER NO. CPD2609248CE

Service Manual

Personal Computer

Model No. **FZ-56mk1 Series**

TOUGHBOOK

Disassembly and Assembly Procedure for Display assembly

DISCLAIMER

This repair information is provided to support maintenance and repair of Panasonic products. Repair procedures may involve disassembly of electrical and electronic components and should be performed only by persons with appropriate technical knowledge, skills, tools, and safety precautions.

Improper repair, modification, or handling of the product may result in personal injury, electric shock, fire, data loss, product malfunction, or other property damage.

Before starting any repair work, ensure that proper electrostatic discharge (ESD) protection measures are in place to prevent damage to electronic components.

Repair procedures, required parts, and product configurations may vary depending on the model, region, or product specification. The procedures and illustrations provided in this document are intended as general guidance and may not represent all product variations.

Panasonic does not assume responsibility for any injury, loss, damage, cost, expense, or product failure arising from repairs, modifications, or servicing performed by users or third parties. Any repair work is performed at the sole risk and responsibility of the person carrying out the repair.

Required Tool:
Refer to the section "Required tools" in the website of "Repair Information and Manual for FZ-56."

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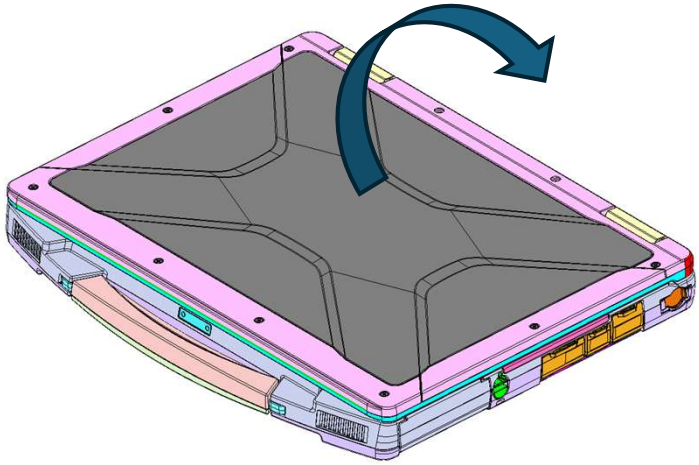
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Display Assembly

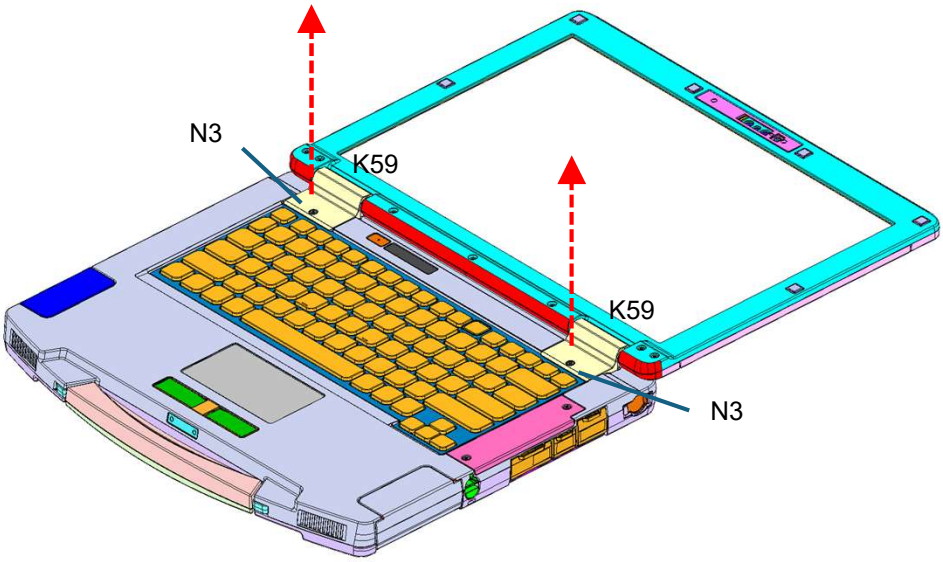
Disassembly procedure

Remove the battery pack before proceeding with the following steps.

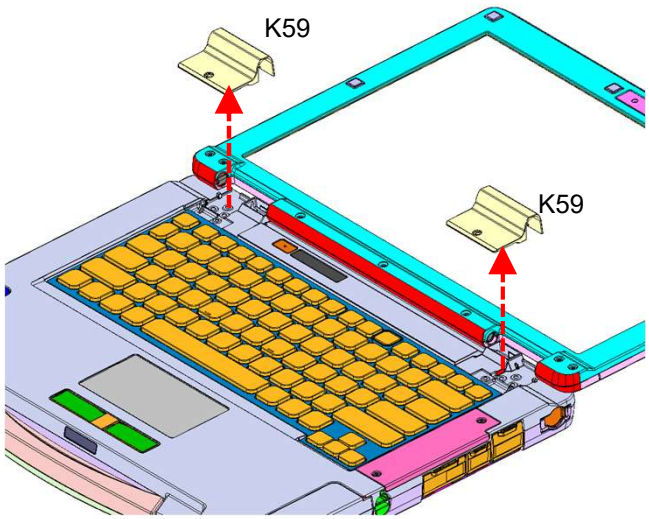
1) Open the display



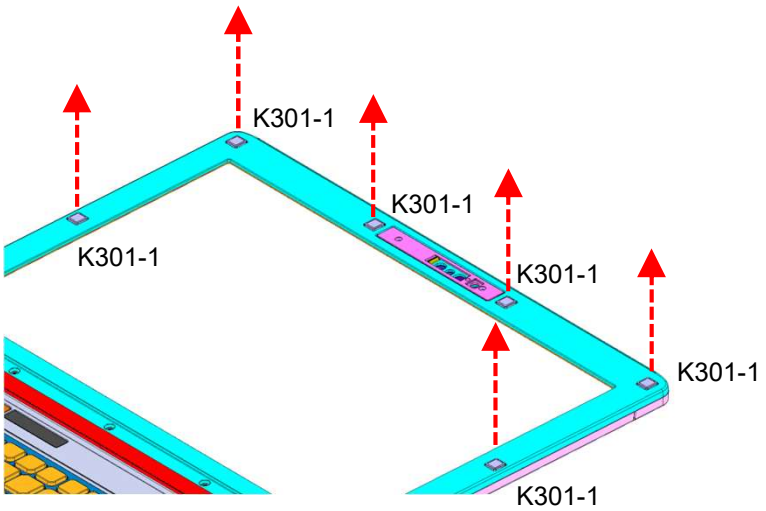
2) Remove the Screw M2.5 NYLOK (N3) x2 on the Hinge Covers x 2 (K59)



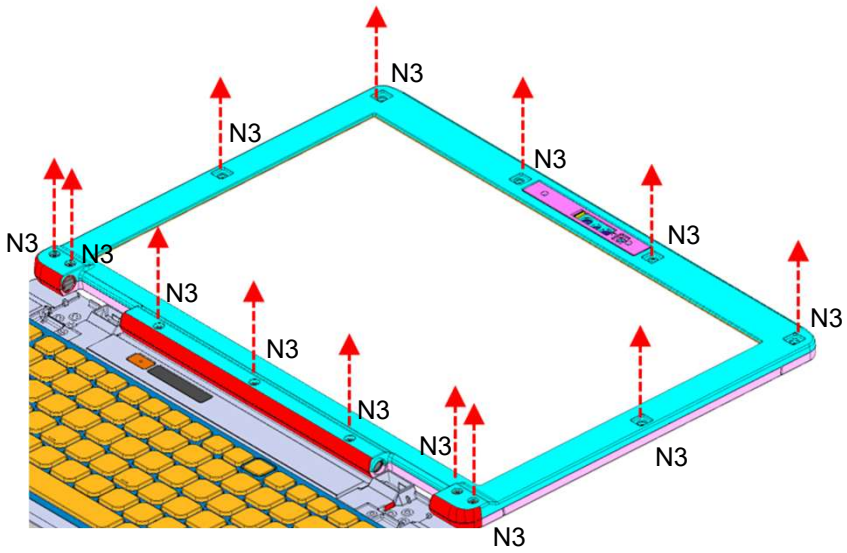
3) Remove Hinge Covers (K59) x2



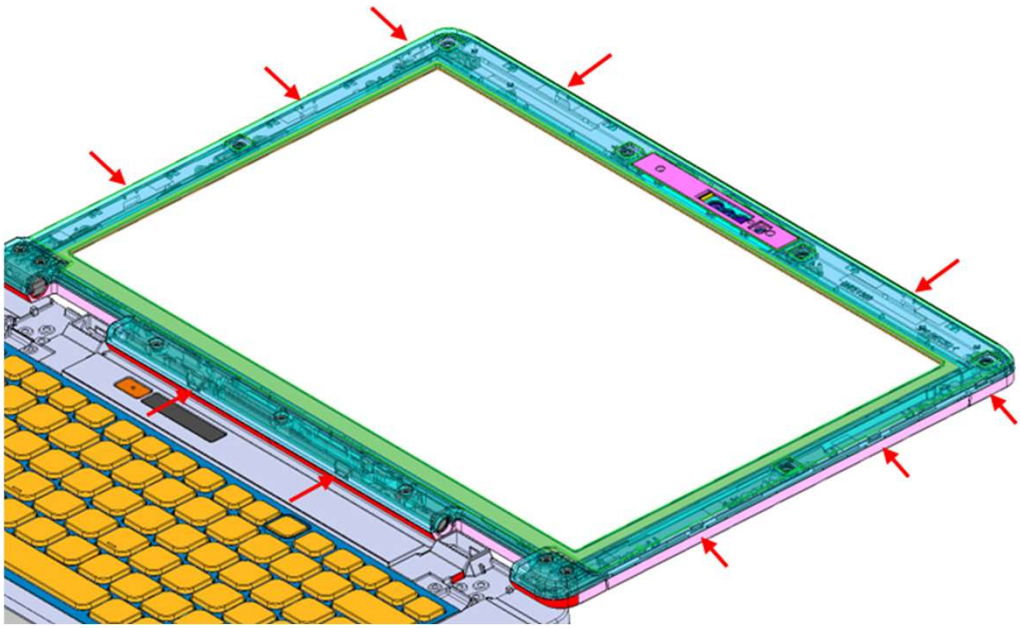
4) Remove LCD Rubbers* (K301-1) x6 *Not reusable



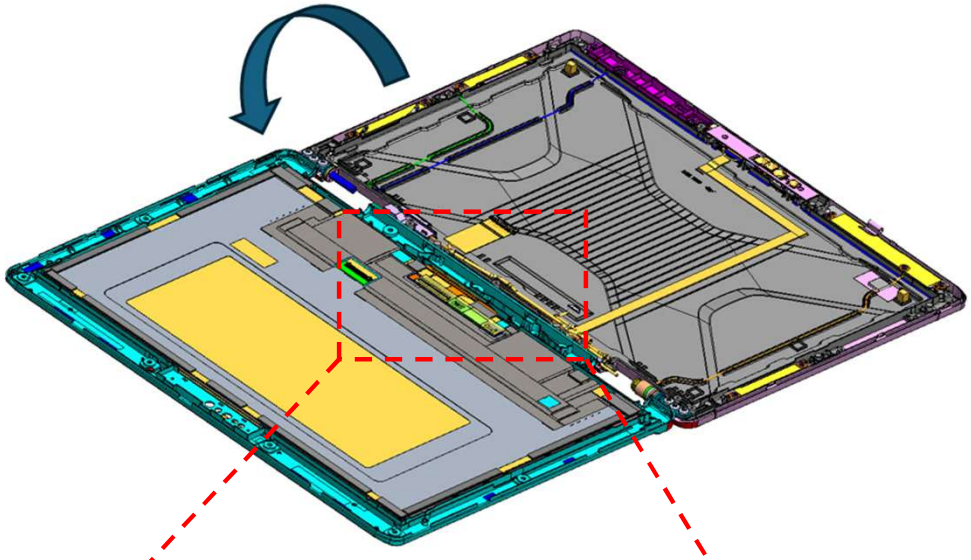
5) Remove the Screw M2.6 NYLOK (N3) on the LCD Assy x13



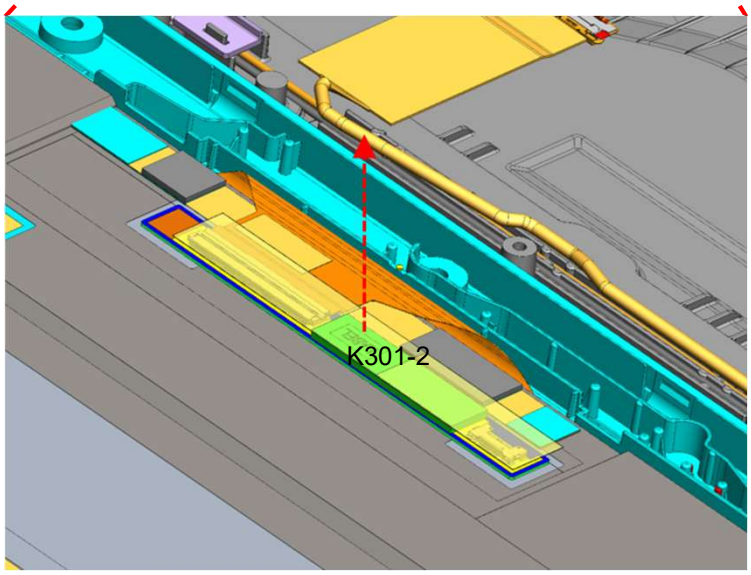
6) Detach the tabs joining the LCD Assy and rear case to separate them.



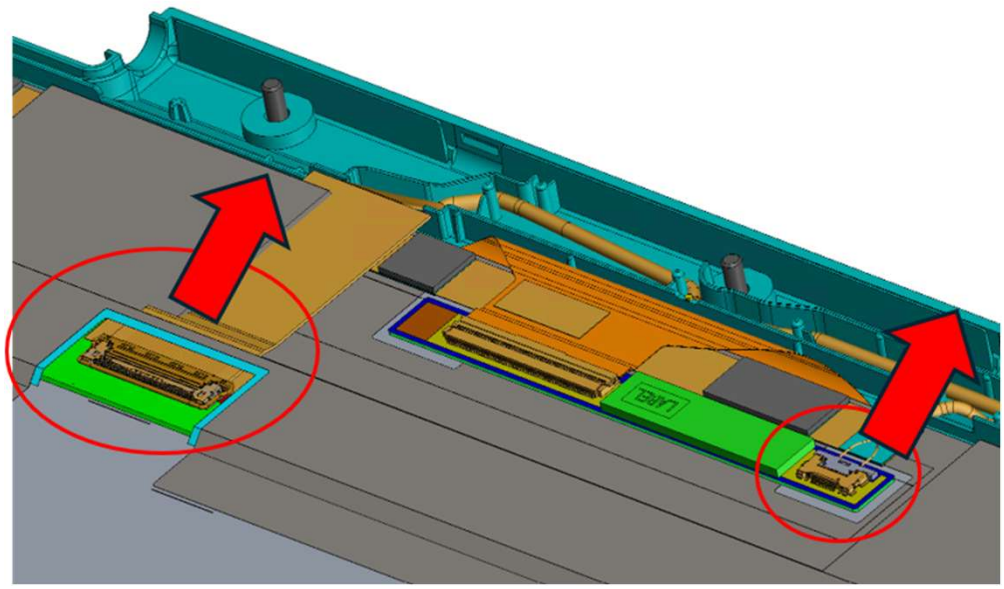
7) Open the LCD Assy



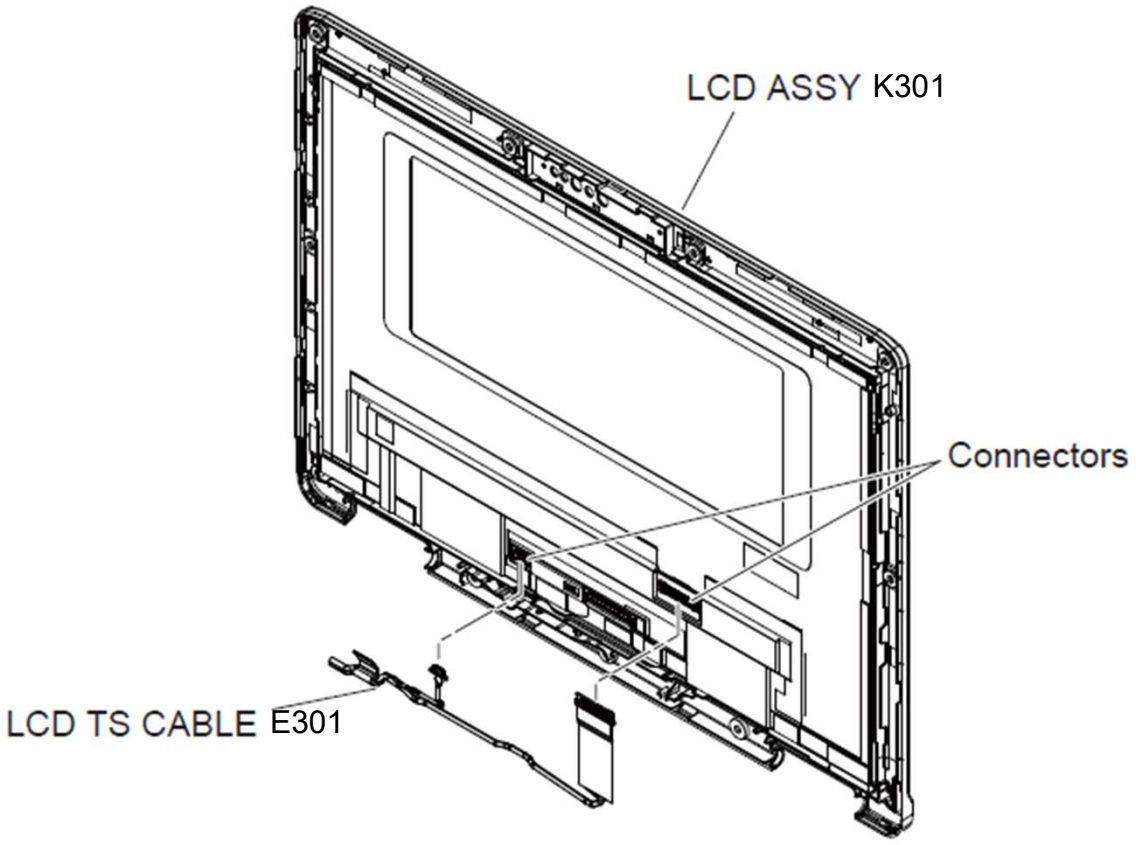
8) Remove TP PCB INSU SHEET* (K301-2) *Not reusable



9) Disconnect the two cable connectors.



10) Remove the LCD TS CABLE(E301) from 2 connectors of the LCD ASSY (K301)



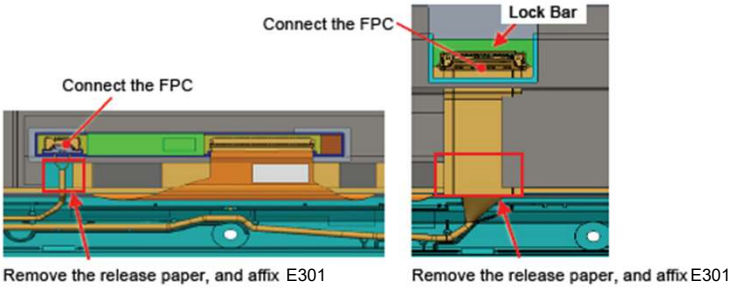
Display Assembly

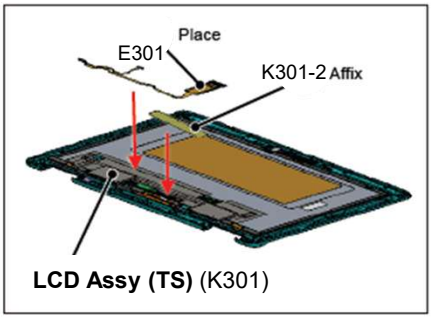
Assembly procedure

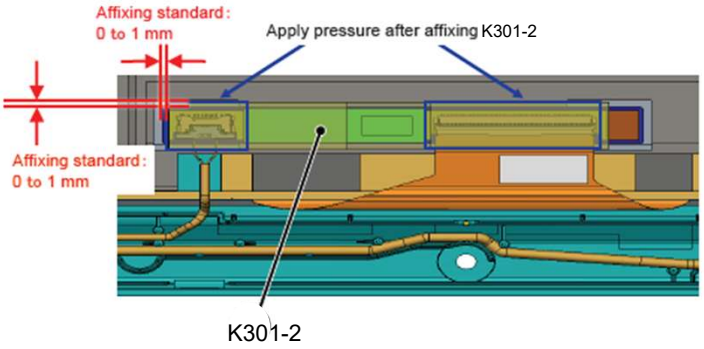
Parts Name
LCD TS CABLE (E301) *
TP PCB INSU SHEET (K301-2)

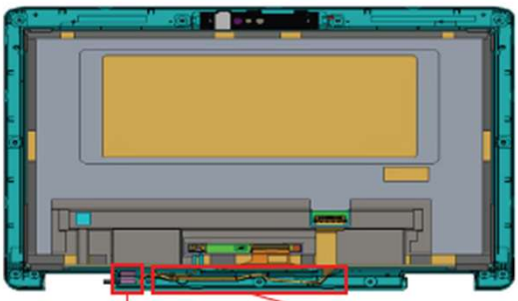
*** Remaining on the main unit after removing the LCD front assembly.**

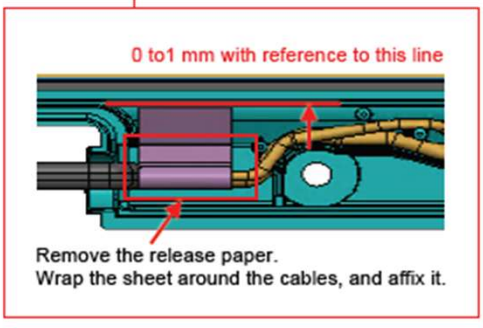


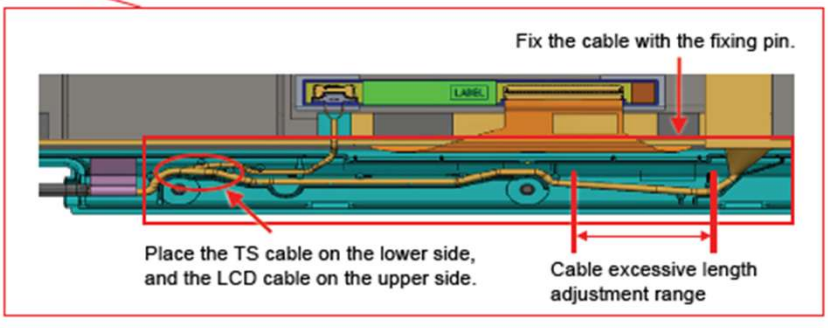




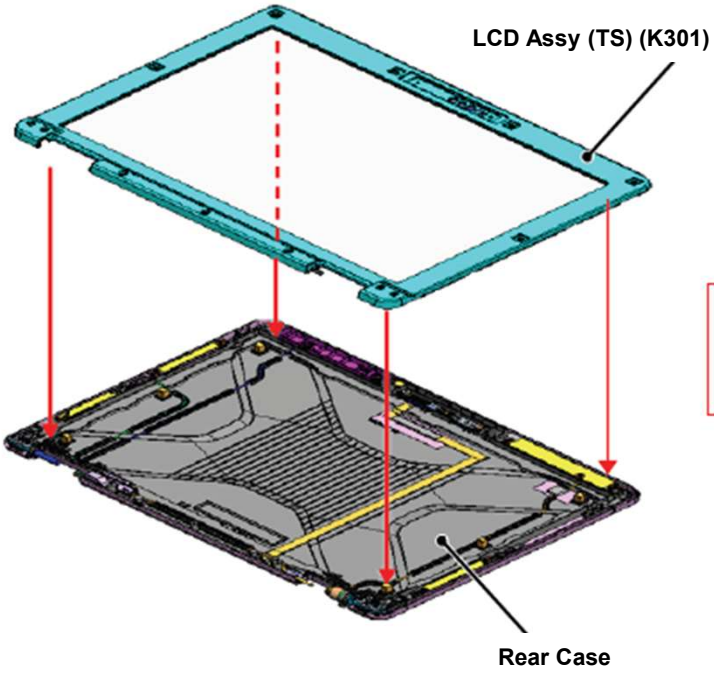






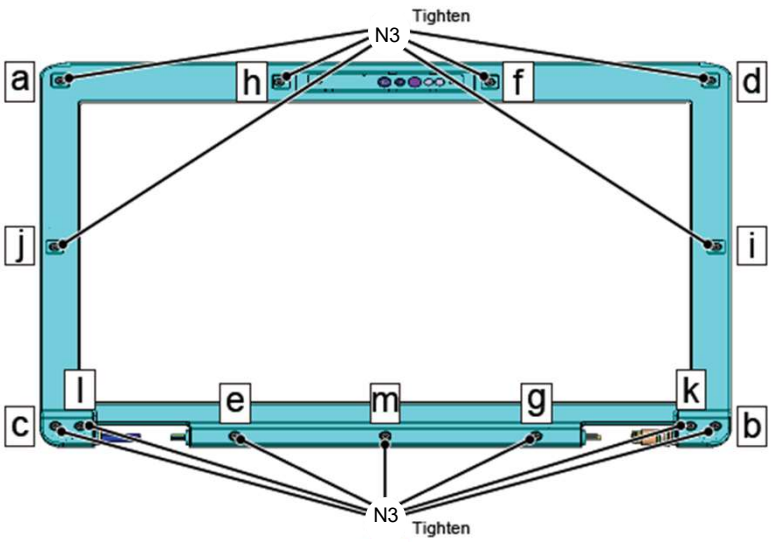


Mate LCD Assy (K301) with the rear case.



Note :
Engagement locations are
4 sides of entire circumference.

Parts Name
SCREW M2.6 NYLOK (N3)

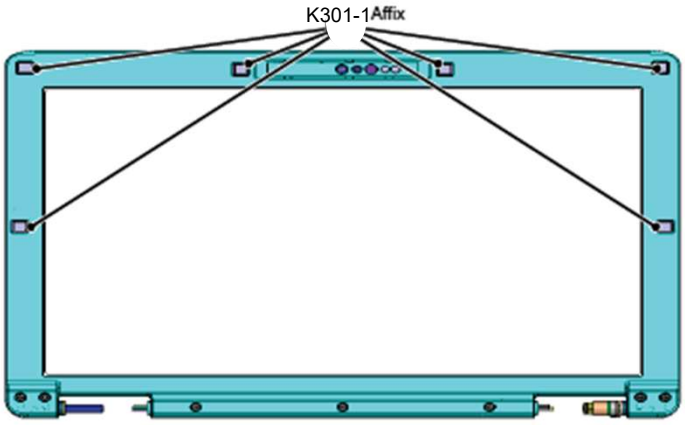


Screw tightening torque
0.45 N•m ± 0.05 N•m (4.5 ± 0.5 kgf•cm)

Screw tightening order
a to m

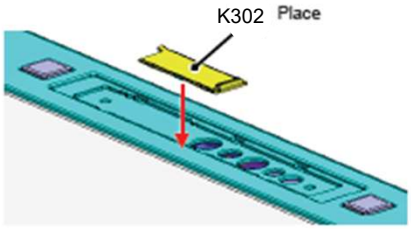
Caution Check for pinching cable, and then Assembly.

Parts Name
LCD RUBBER (K301-1)



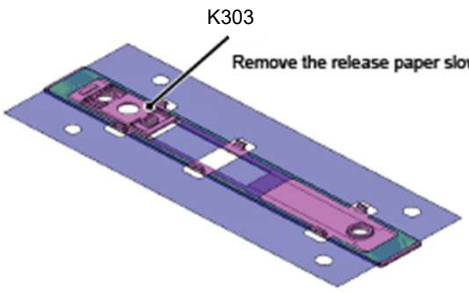
Parts Name
SHUTTER SLIDER (K302)

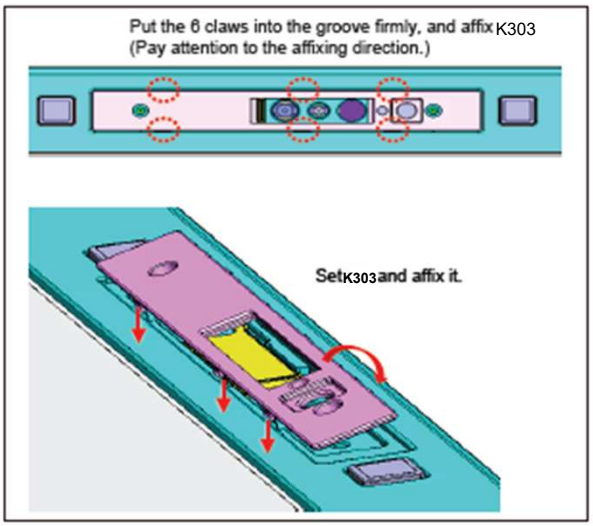




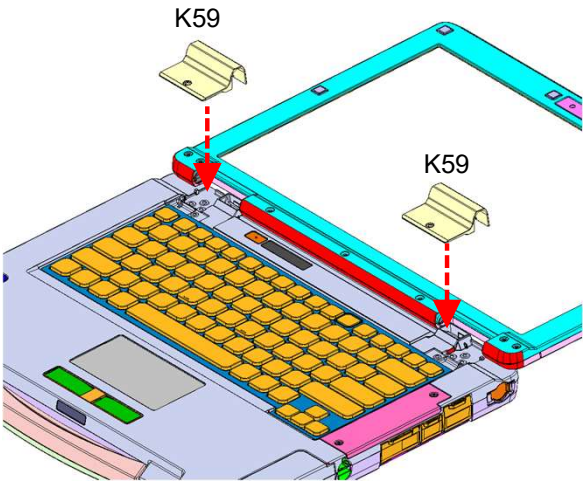
Parts Name
SHUTTER SLIDER COVER ASSY (K303)



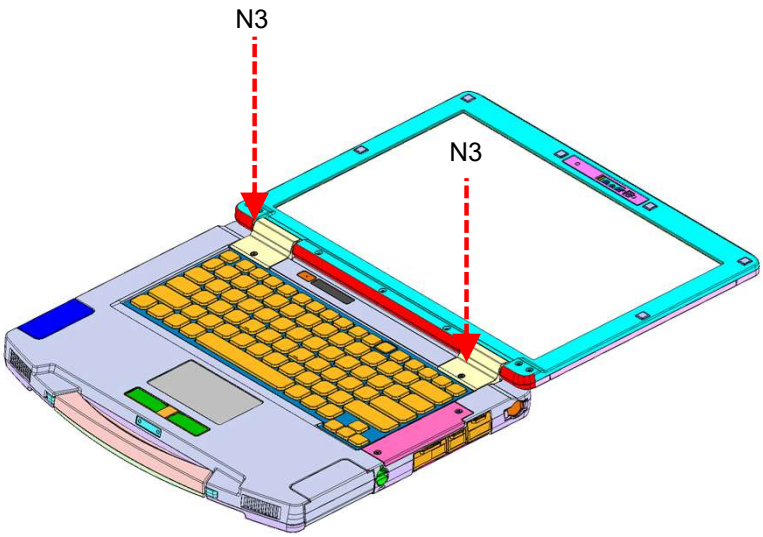




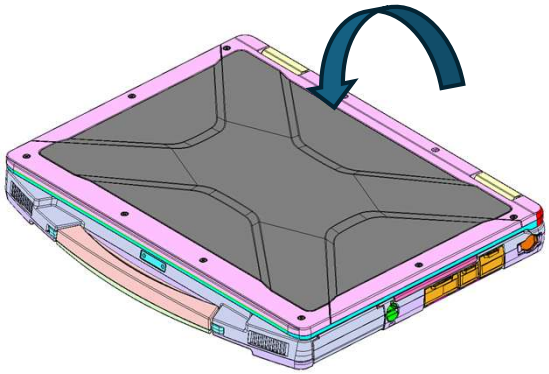
Attach Hinge Cover (K59) x2



Fasten Screws (N3) x2 on the Hinge Covers



Close the display



Reattach the battery pack