

Nokia Customer Care
3155/3155i (RM-41), 3152 (RM-61)
Mobile Terminal

Disassembly

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Safety Information

Adhere to the following guidelines when assembling and disassembling the phone.

- **QUALIFIED SERVICE**
Only qualified personnel may install or repair phone equipment.
- **ACCESSORIES AND BATTERIES**
Use only approved accessories and batteries. Do not connect incompatible products.
- **CONNECTING TO OTHER DEVICES**
When connecting to any other device, read its user's guide for detailed safety instructions. Do not connect incompatible products.

ESD Protection

Nokia requires that phone repair centers have sufficient ESD protection against static electricity when servicing cellular phones. Use the following guidelines:



- A cellular phone that is ready for use can be handled normally without ESD protection. The battery can be replaced in normal conditions of use.
- Use ESD protection when replacing a color cover, except for the phone covers which can be replaced by the customer.
- All electronic parts of the phone, including the display, are susceptible to ESD. Resistors also can be damaged by static electricity discharge.
- All ESD-sensitive parts must be packed in metallized protective bags during shipping and handling outside any ESD Protected Area (EPA).
- Every repair action involving opening the phone or handling the phone components must be done under ESD protection.
- ESD-protected spare part packages **MUST NOT** be opened/closed outside an EPA.

For more detailed information about ESD protection and EPAs, contact your local Nokia Customer Care representative.

Disassembly Instructions

1. Remove the Battery Cover (E-cover)

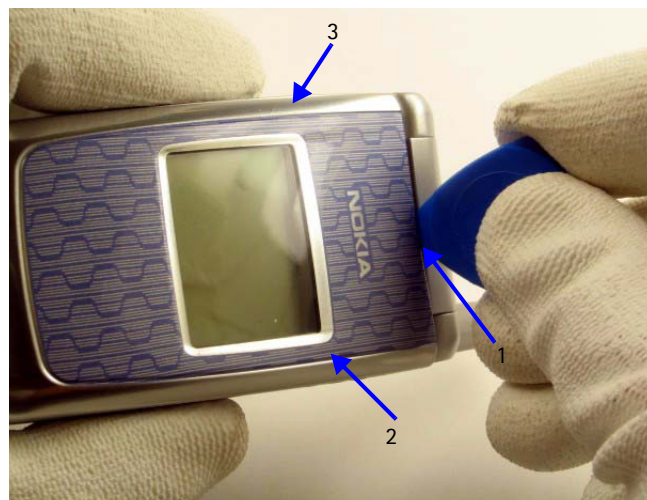
- a. Turn the mobile terminal off.
- b. Apply pressure to the the E-cover, and push towards the bottom of the mobile terminal until the E-cover releases from the assembly.



- c. Remove the battery.

2. Remove the A-cover

- a. Use the SRT-6 opening tool to remove the A-cover from the B-cover. Insert the opening tool in the gap on the sides and gently pry up in the order and locations shown below.

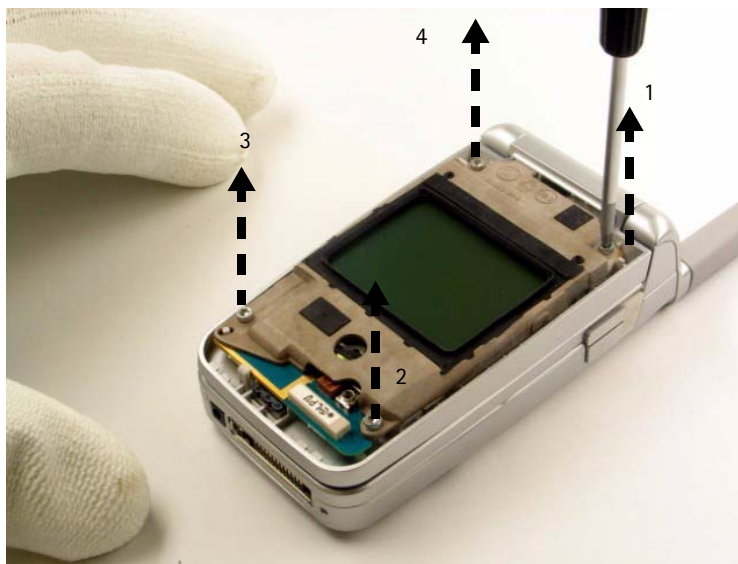


- b. Rotate the A-cover to remove it from the assembly.



3. Remove the Four Screws from the UI shield

Remove the four silver screws in a clockwise order as shown below.



Gently lift the UI shield from the B-cover assembly.



4. Remove the Secondary LCD Display from the UI PWB

Use the opening tool to open the display connector and remove the LCD display.



5. Separate the Hinge Flex Cable

Using the SRT-6 opening tool, carefully pry the flex cable connection off of the UI PWB.

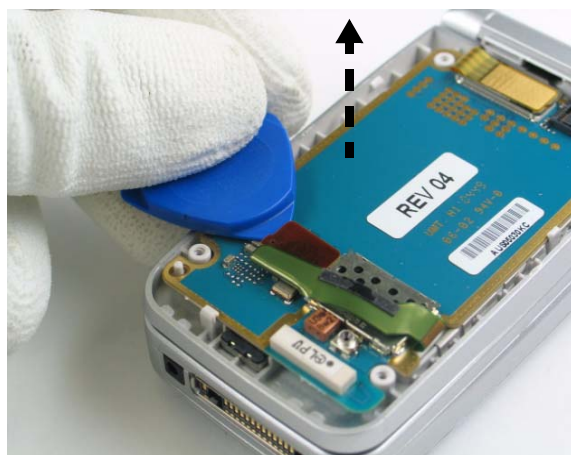


Caution: Do not scrape
the PWB

6. Remove the Main Display Flex cable from the UI PWB

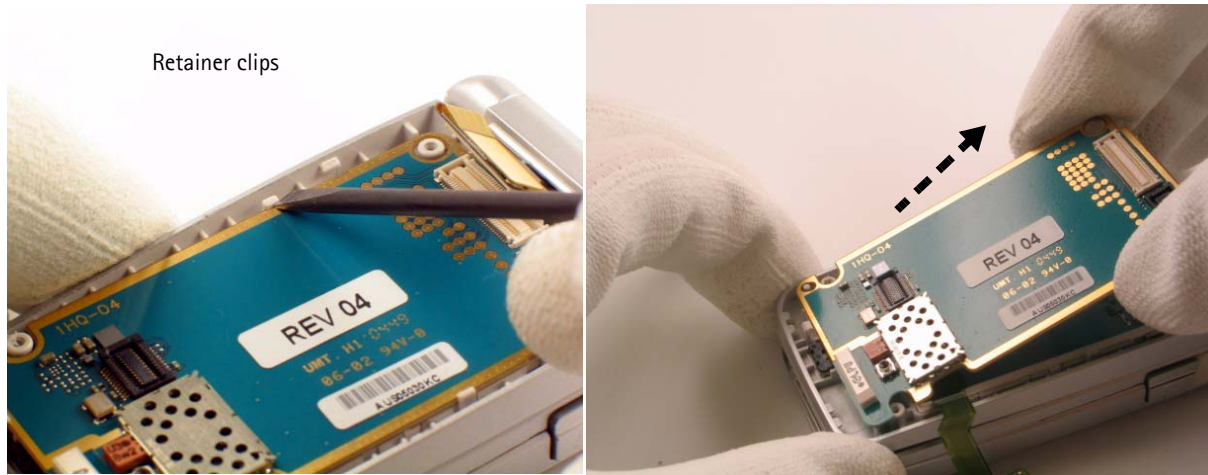
Remove the LCD flex cable off of the PWB using the SRT-6 opening tool.

Caution: Do not
damage flex cable



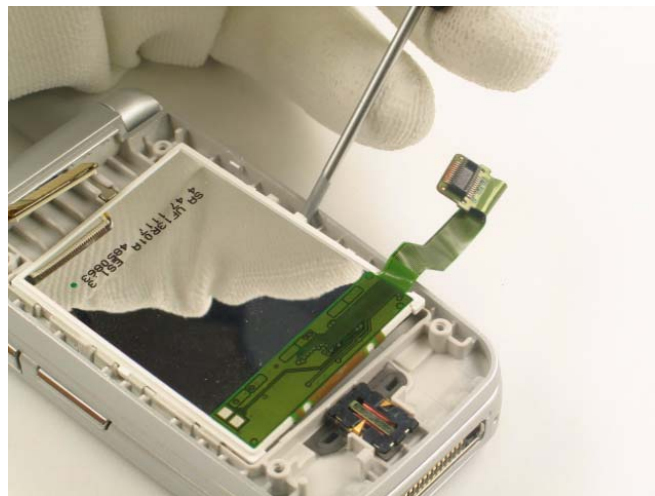
7. Remove the UI PWB from the B-cover

Unsnap the retainer clips on both sides, and lift the PWB to remove it from the B-cover as shown below.



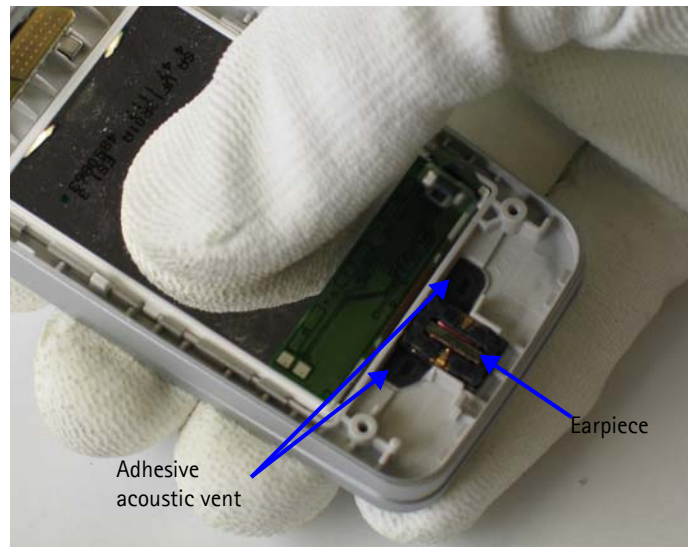
8. Remove the Main LCD Display

Loosen and unsnap the main LCD display from its retainers in the B-cover.



9. Remove the Earpiece and Acoustic Vent from the B-cover

- Remove the earpiece
- Peel off the adhesive acoustic vent.



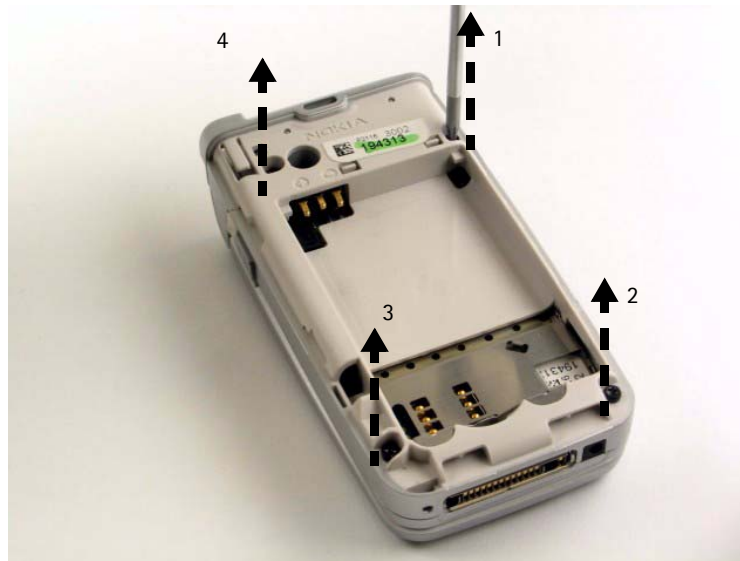
10. Remove the keymat

Using the SRT-6 opening tool, lift the side snaps on the keymat as shown to remove it.



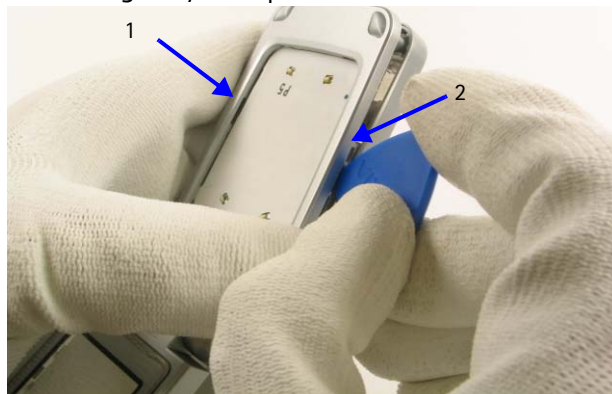
11. Remove the Four Screws from the D-cover

Remove the four black screws in a clockwise order as shown below.



12. Remove the D-cover from the C-cover

- a. Use the SRT-6 opening tool to pry the D-cover from the C-cover.
- b. Twist gently to separate the D-cover from the C-cover.



Rotate left hand inward to pry apart.

- c. Gently pull the B-cover from the C-cover to separate them.

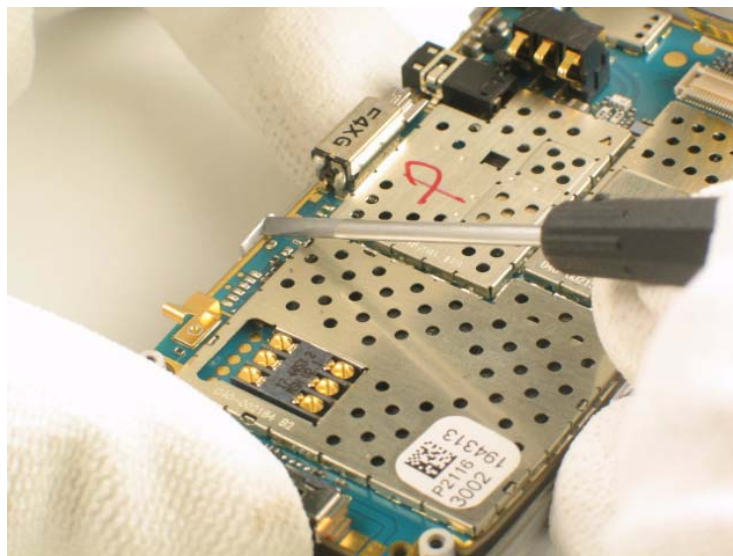
13. Remove the Hinge Flex Cable

Using the SRT-6 opening tool, carefully pry the flex cable connection off of the engine PWB.



14. Remove the Engine PWB from the C-cover

Hold the C-cover assembly with the PWB facing you, antenna-side up. Unsnap the retainer clips on both sides, and push up on the PWB to dislodge it from the C-cover.



15. Remove the LED Light Guide

Use tweezers to remove the LED light guide from the C-cover.



16. Separate the B-cover from the C-cover

With the mobile terminal in the open position:

- a. Make sure hinge side of B/C-cover assembly is facing downwards. Insert the SS-64 disassembly tool into the hinge as shown below.
- b. Twist the to the SS-64 disassembly tool clockwise to release the hinge assembly spring.
- c. Remove the rubber hinge bumper.

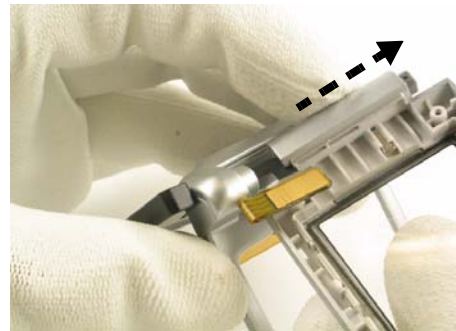
d. Gently slide the flex and connector through the slot in the C-cover.



Hinge facing downwards

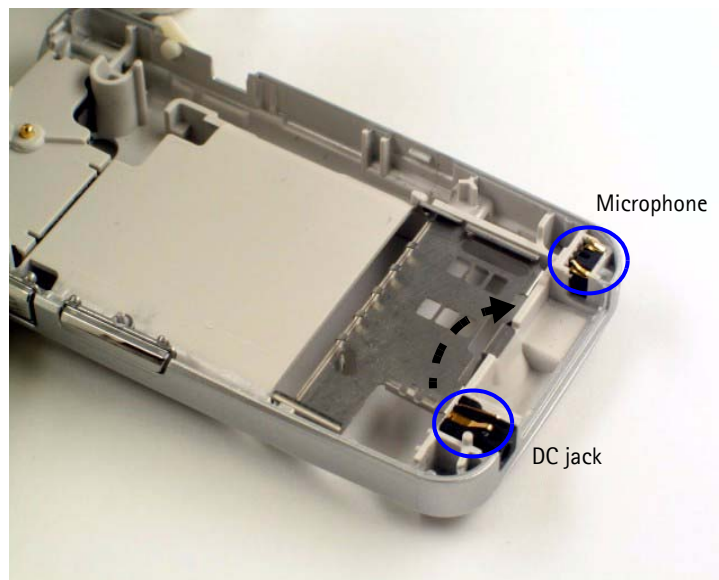


Twist in a clockwise direction



17. Remove the DC Jack and Microphone

Use tweezers to remove the DC jack and microphone from the D-cover.



18. Remove the IHF Assembly

- a. Locate the IHF assembly retention snaps indicated below. Use a screwdriver to release the IHF assembly from the D-cover.
- b. Lift and remove the IHF assembly from the D-cover.



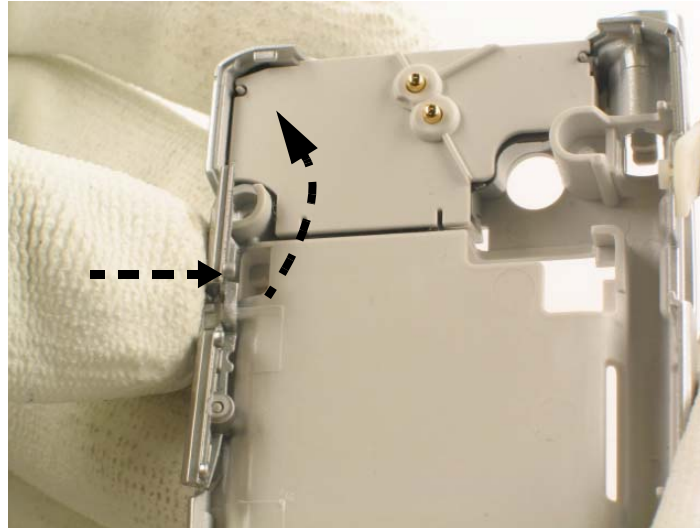
IHF assembly
retention snaps



Lift IHF assembly
from the D-cover

19. Remove the Volume Key

Applying gentle pressure, push the upper volume key backwards to release it from the retainer clips in the D-cover. Then lift upwards to remove it from the D-cover.



20. Remove the Whip Antenna

Using a screwdriver or tweezers, lift the snap upwards and pull up on the antenna mast to release the antenna from the D-cover.



21. Remove the D-cover UIM Card Trap

- a. Push the bottom guide pin out of the D-cover slot.
- b. Pull out the top of the card trap.



- c. Slide the card trap out of the D-cover.



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