SERVICE MANUAL
Level 1&2

NOKIA 6260 SLIDE

RM-368

Transceiver characteristics

Band:
GSM/EDGE 850/900/1800/1900
WCDMA 2100 (band I)/1900 (band II)/900 (Band VIII)

Display:
2,4" HVGA (320x480), 16M colours, Active area 33,6 mm x 50,4 mm

Keypad:
Multidimensional Navi Key

Camera:
Main camera: 5 Mpix, double LED Flash, Auto-focus, Carl Zeiss optics
Secondary camera; VGA

Operating System:
S40 PR8.1

Connections:
2 mm charger, 2,5 mm AV connector, Bluetooth 2.0 EDR, USB 2.0 (Micro USB), GPS, WLAN 802.11g, Micro SD

Transceiver with BL-5F battery pack

Talk time	Standby	Note
GSM: Up to 4 hours **WCDMA:** Up to 3 hours	**GSM:** Up to 300 hours **WCDMA:** Up to 300 hours	Talk times are dependant on network parameters and phone settings

Table of contents

1. CHANGE HISTORY

Status	Version No.	Date	Comments
Approved version	1.0	14.1.2009	

The purpose of this document is to help NOKIA service levels 1 and 2 workshop technicians to carry out service to NOKIA products. This Service Manual is to be used only by authorized NOKIA service suppliers, and the content of it is confidential. Please note that NOKIA provides also other guidance documents (e.g. Service Bulletins) for service suppliers, follow these regularly and comply with the given instructions.

While every endeavor has been made to ensure the accuracy of this document, some errors may exist. If you find any errors or if you have further suggestions, please notify NOKIA using the address below:

CMO Operation & Logistics
Training and Vendor Development
Multimedia Creation & Support
mailto:Service.Manuals@nokia.com

Please keep in mind also that this documentation is continuously being updated and modified, so watch always out for the newest version.

2. COPYRIGHT

IMPORTANT

This document is intended for use by qualified service personnel only.

3. WARNINGS AND CAUTIONS

Please refer to the phone's user guide for instructions relating to operation, care and maintenance including important safety information. Note also the following:

3.1 Warnings

1. CARE MUST BE TAKEN ON INSTALLATION IN VEHICLES FITTED WITH ELECTRONIC ENGINE MANAGEMENT SYSTEMS AND ANTI–SKID BRAKING SYSTEMS. UNDER CERTAIN FAULT CONDITIONS, EMITTED RF ENERGY CAN AFFECT THEIR OPERATION. IF NECESSARY, CONSULT THE VEHICLE DEALER/MANUFACTURER TO DETERMINE THE IMMUNITY OF VEHICLE ELECTRONIC SYSTEMS TO RF ENERGY.

2. THE HANDPORTABLE TELEPHONE MUST NOT BE OPERATED IN AREAS LIKELY TO CONTAIN POTENTIALLY EXPLOSIVE ATMOSPHERES, EG PETROL STATIONS (SERVICE STATIONS), BLASTING AREAS ETC.

3. OPERATION OF ANY RADIO TRANSMITTING EQUIPMENT, INCLUDING CELLULAR TELEPHONES, MAY INTERFERE WITH THE FUNCTIONALITY OF INADEQUATELY PROTECTED MEDICAL DEVICES. CONSULT A PHYSICIAN OR THE MANUFACTURER OF THE MEDICAL DEVICE IF YOU HAVE ANY QUESTIONS. OTHER ELECTRONIC EQUIPMENT MAY ALSO BE SUBJECT TO INTERFERENCE.

3.2 Cautions

1. Servicing and alignment must be undertaken by qualified personnel only.

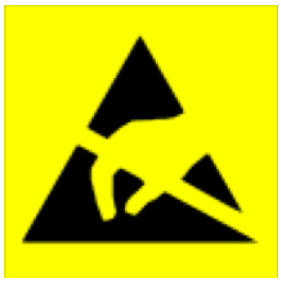
2. Ensure all work is carried out at an anti–static workstation and that an anti–static wrist strap is worn.

3. Use only approved components as specified in the parts list.

4. Ensure all components, modules screws and insulators are correctly re–fitted after servicing and alignment.

5. Ensure all cables and wires are repositioned correctly

4. ESD PROTECTION



Nokia requires that service points have sufficient ESD protection (against static electricity) when servicing the phone.

Any product of which the covers are removed must be handled with ESD protection. The SIM card can be replaced without ESD protection if the product is otherwise ready for use.

To replace the covers ESD protection must be applied.

All electronic parts of the product are susceptible to ESD. Resistors, too, 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 product or handling the product components must be done under ESD protection.

ESD protected spare part packages MUST NOT be opened/closed out of an ESD Protected Area.

For more information and local requirements about ESD protection and ESD Protected Area, contact your local Nokia After Market Services representative.

5. CARE AND MAINTENANCE

This product is of superior design and craftsmanship and should be treated with care. The suggestions below will help you to fulfil any warranty obligations and to enjoy this product for many years.

- Keep the phone and all its parts and accessories out of the reach of small children.
- Keep the phone dry. Precipitation, humidity and all types of liquids or moisture can contain minerals that will corrode electronic circuits.
- Do not use or store the phone in dusty, dirty areas. Its moving parts can be damaged.
- Do not store the phone in hot areas. High temperatures can shorten the life of electronic devices, damage batteries, and warp or melt certain plastics.
- Do not store the phone in cold areas. When it warms up (to its normal temperature), moisture can form inside, which may damage electronic circuit boards.
- Do not drop, knock or shake the phone. Rough handling can break internal circuit boards.
- Do not use harsh chemicals, cleaning solvents, or strong detergents to clean the phone.
- Do not paint the phone. Paint can clog the moving parts and prevent proper operation.
- Use only the supplied or an approved replacement antenna. Unauthorised antennas, modifications or attachments could damage the phone and may violate regulations governing radio devices.

All of the above suggestions apply equally to the product, battery, charger or any accessory.

6. BATTERY INFORMATION

Note: A new battery's full performance is achieved only after two or three complete charge and discharge cycles! The battery can be charged and discharged hundreds of times but it will eventually wear out.

When the operating time (talk-time and standby time) is noticeably shorter than normal, it is time to buy a new battery. Use only batteries approved by the phone manufacturer and recharge the battery only with the chargers approved by the manufacturer.

Unplug the charger when not in use. Do not leave the battery connected to a charger for longer than a week, since overcharging may shorten its lifetime.

If left unused a fully charged battery will discharge itself over time Temperature extremes can affect the ability of your battery to charge.

For good operation times with Ni-Cd/NiMh batteries, discharge the battery from time to time by leaving the product switched on until it turns itself off (or by using the battery discharge facility of any approved accessory available for the product).

Do not attempt to discharge the battery by any other means Use the battery only for its intended purpose.

Never use any charger or battery which is damaged.

Do not short-circuit the battery. Accidental short-circuiting can occur when a metallic object (coin, clip or pen) causes direct connection of the + and - terminals of the battery (metal strips on the battery) for example when you carry a spare battery in your pocket or purse. Shortcircuiting the terminals may damage the battery or the connecting object.

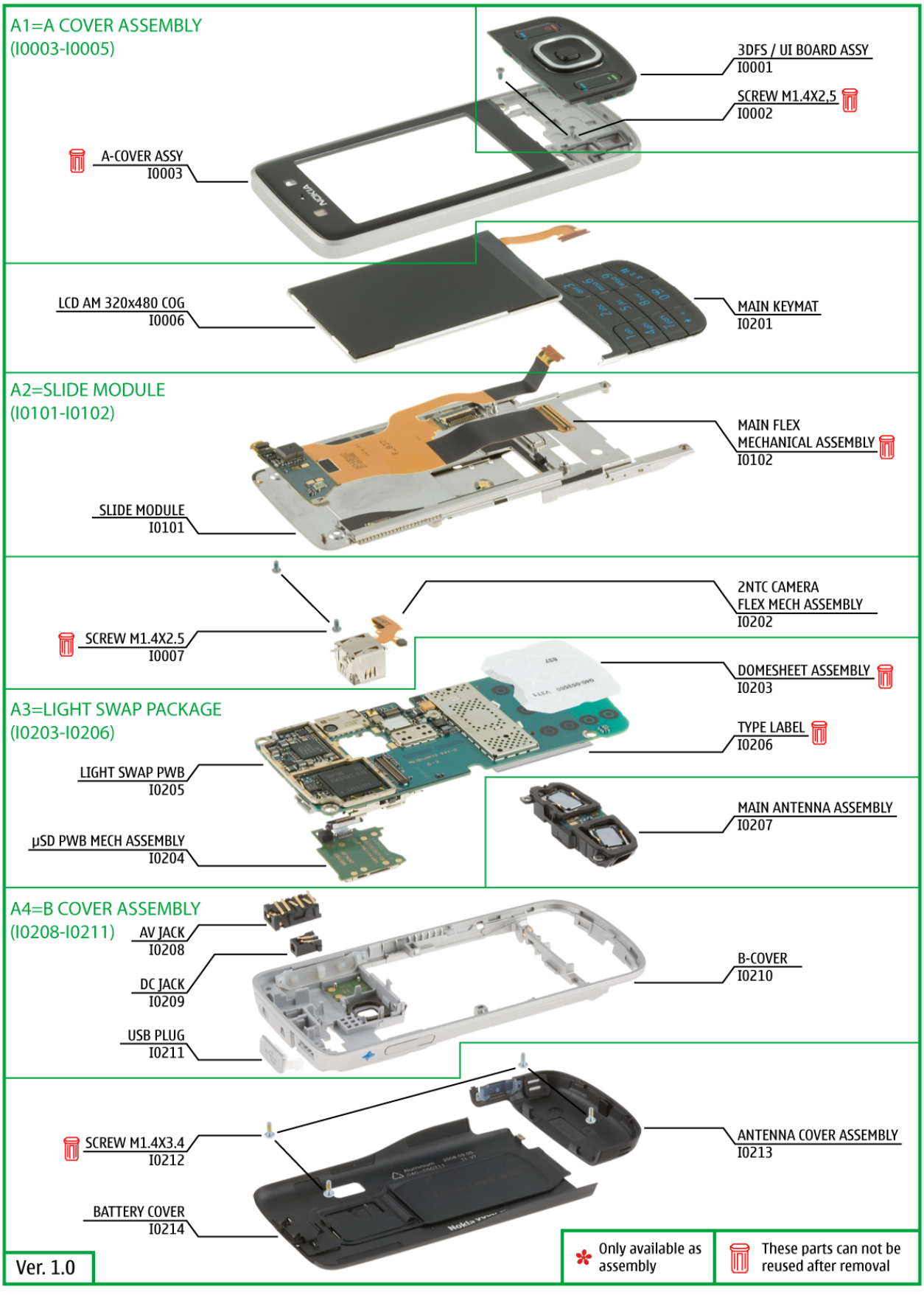
Leaving the battery in hot or cold places, such as in a closed car in summer or winter conditions, will reduce the capacity and lifetime of the battery. Always try to keep the battery between 15°C and 25°C (59°F and 77°F).

A phone with a hot or cold battery may temporarily not work, even when the battery is fully charged. Batteries' performance is particularly limited in temperatures well below freezing.

Do not dispose batteries in a fire! Dispose of batteries according to local regulations (e.g. recycling).

Do not dispose as household waste.

7. EXPLODED VIEW



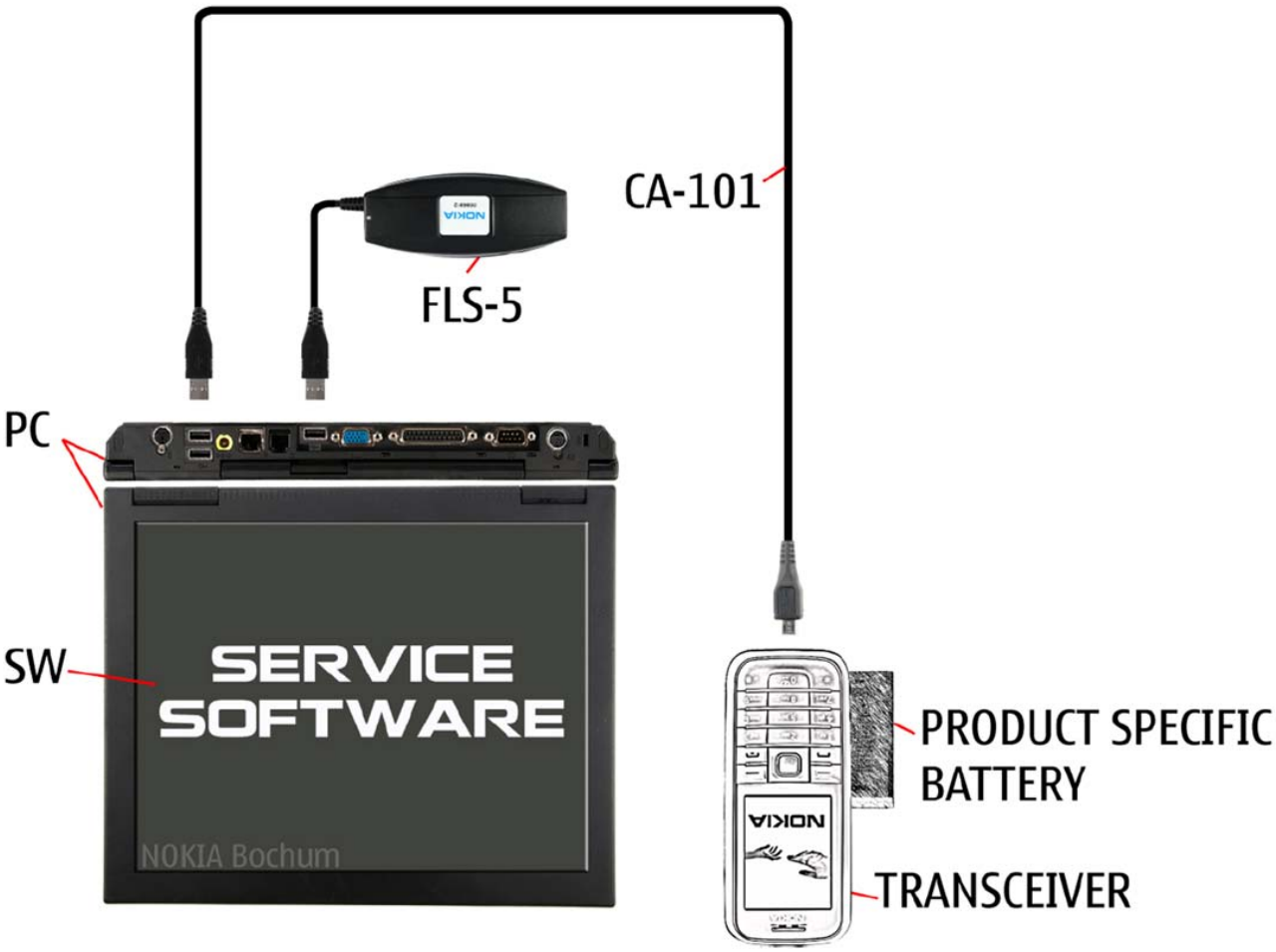
8. SERVICE DEVICES

 FLS-5 Flash Device	 CA-101 Service Cable	 AC-4 Travel Charger
 BL-5F Battery		 **NMP standard toolkit (v2)** For more information, refer to the Service Bulletin (SB-011) on NOKIA Online. Supplier or manufacturer contacts for tool re-order can be found in "Recommended service equipment" document on NOKIA Online.

9. SW-UPDATE

Flash concept- (Point of Sales)

To use the FLS-5 Flash Dongle, you have to followw the user guide inside the sales package.
Please check always for the latest version of flash software, wich is available on Nokia Online.



10. DISASSEMBLY INSTRUCTION

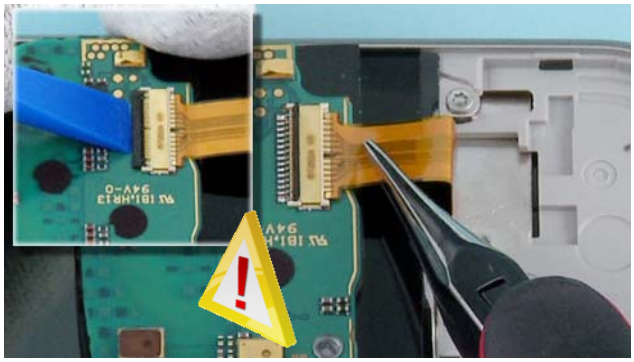
1) Nokia 6260 SLIDE disassembly.

2) You must use the Nokia Standard Toolkit version 2. You will also need a DC plug.

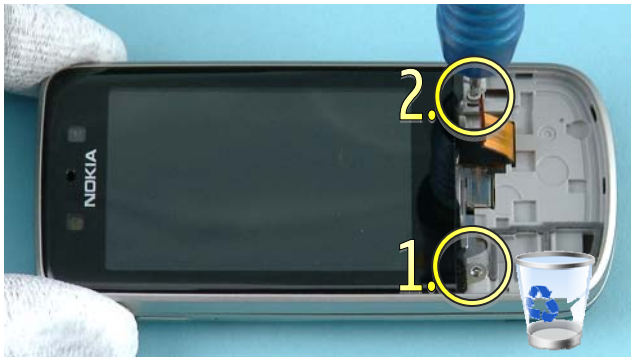
3) To remove the BATTERY COVER, push the button on the bottom side and then lift up the BATTERY COVER.

4) Release the four clips holding the UI BOARD ASSY with the SS-93. Make sure that the assembly is completely detached.

5) Carefully lift up the UI BOARD ASSY with the SS-93 in the direction shown.



6) Unlock the locking mechanism of the LCD connector with the SS-93 and open the connector with the pliers. Be careful not to damage the connector. The UI BOARD ASSY can now be removed.

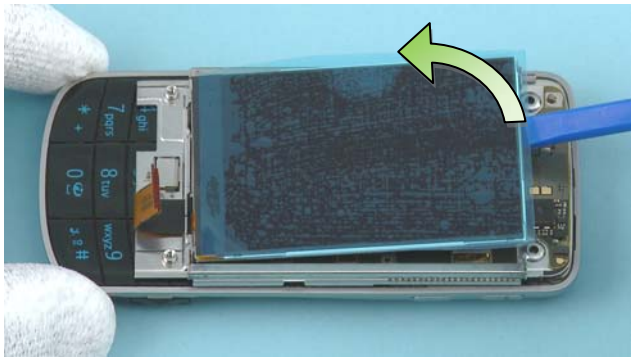


7) Unscrew the two Torx+ 4 screws in the order shown.

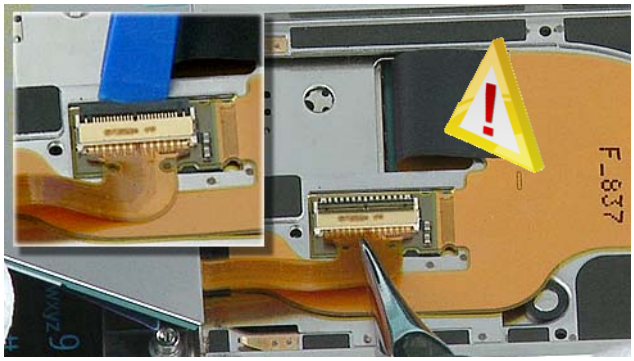
8) Turn the phone over and slide it open. Then unscrew these two Torx+ 4 screws in the order shown.

9) Use the SRT-6 to open the two clips of the A-COVER ASSY. Slide the SRT-6 along the cover edge. Do the same on the opposite side.

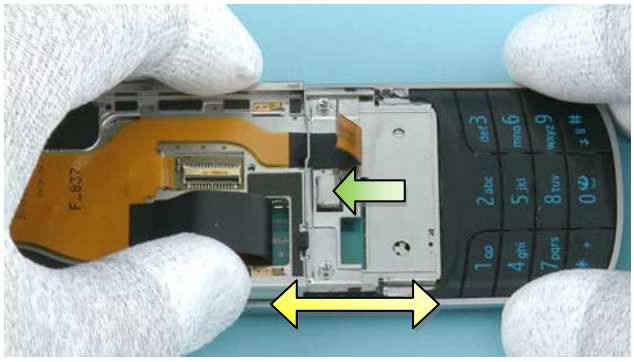
10) The A-COVER ASSY can now be removed. Remember to protect the LCD with protective film.



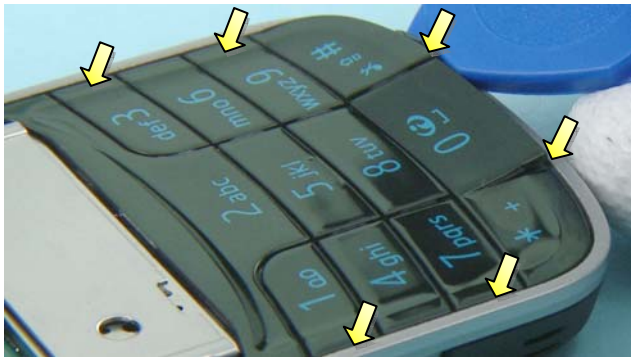
11) Lift up the LCD with the SS-93.



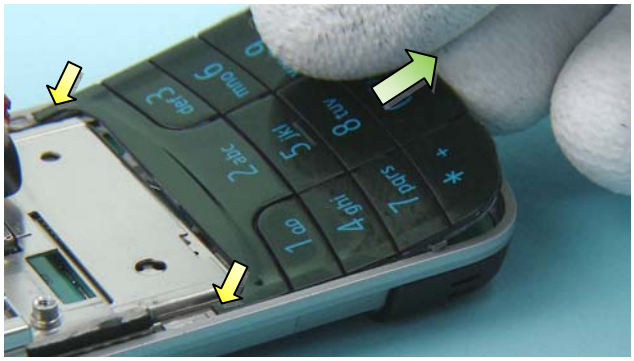
12) To disconnect the LCD flex, first open the locking mechanism of the connector with the SS-93. Then pull on the flex with the pliers. Be careful not to damage the connector.



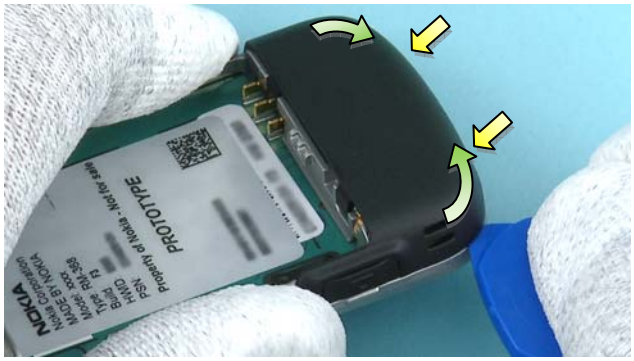
13) Slide the phone open to detach the MAIN KEYMAT.



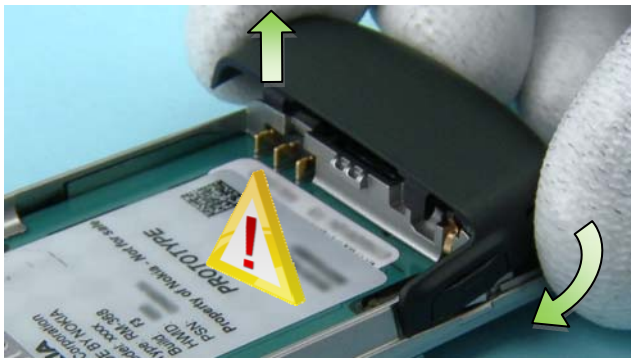
14) Release the six clips on the MAIN KEYMAT with the SRT-6.



15) To release the two remaining clips, remove the KEYMAT in the direction shown.

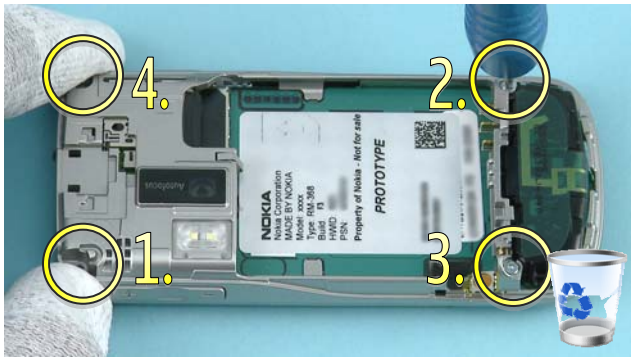


16) To detach the ANTENNA COVER ASSEMBLY, detach the two clips by sliding the SRT-6 along the bottom edge of the cover.

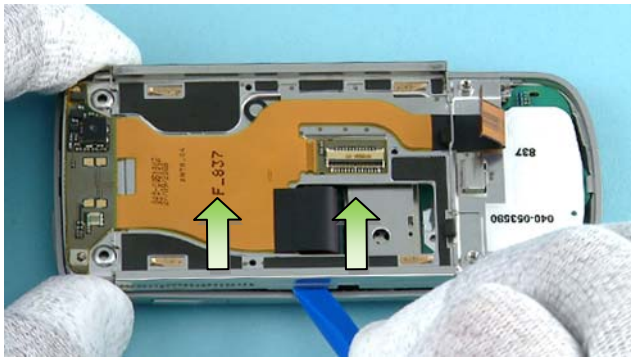


17) Remove the ANTENNA COVER ASSEMBLY in the direction shown. Pay attention to not to damage the appendix of the assembly.

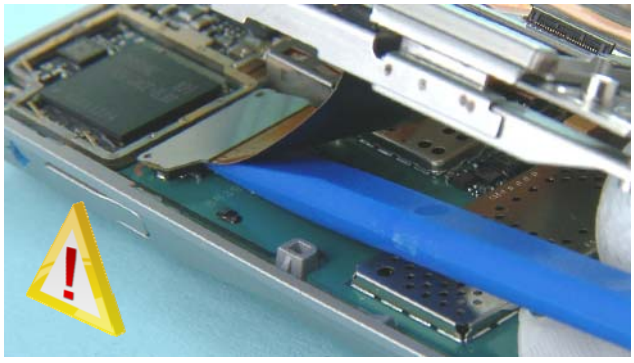
18) Use the SS-93 to detach the camera button.



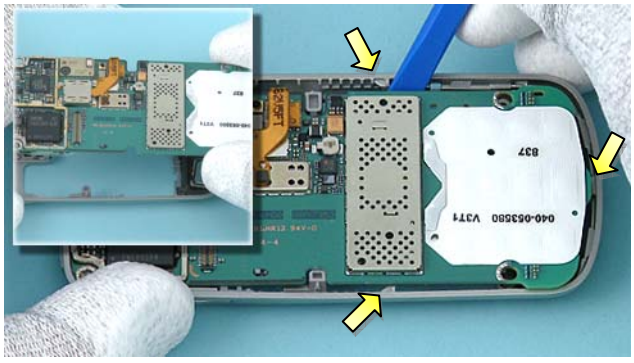
19) Unscrew the four Torx+ 4 screws in the order shown.



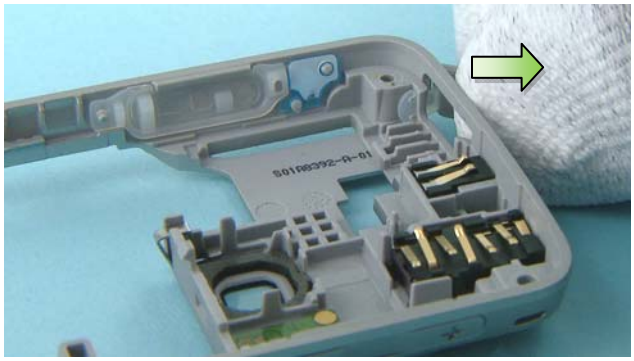
20) Carefully release the slide module with the SS-93.



21) Carefully disconnect the MAIN FLEX from the engine board with the SS-93. The SLIDE MODULE can now be removed.



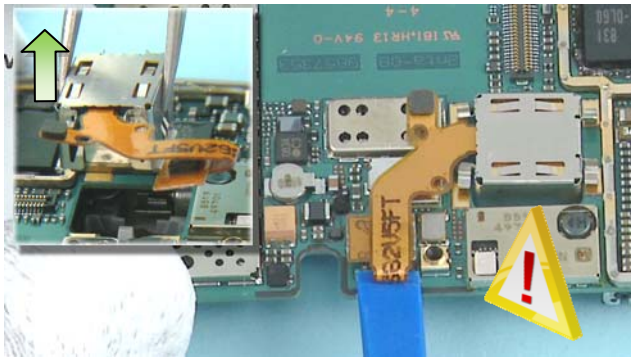
22) Detach the three clips of the B-COVER ASSEMBLY with the SS-93 and then remove the engine board.



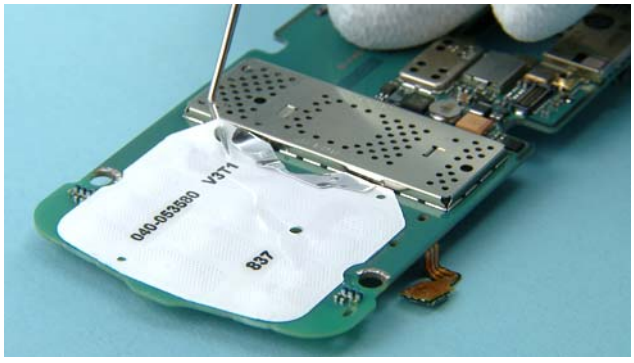
23) Carefully pull out the USB PLUG.

24) Release the AV JACK and the DC JACK with the DC plug and remove them with the tweezers.

25) Detach the MAIN ANTENNA ASSEMBLY by pressing it lightly.

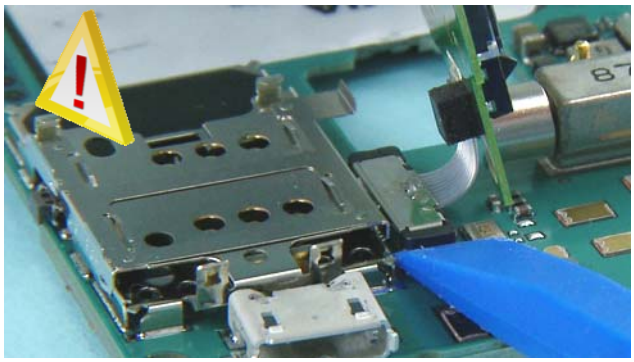


26) When opening the CAMERA ASSEMBLY connector, be careful not to damage the nearby components. Disconnect the CAMERA ASSEMBLY connector with the SS-93 and then remove the CAMERA ASSEMBLY with the tweezers.

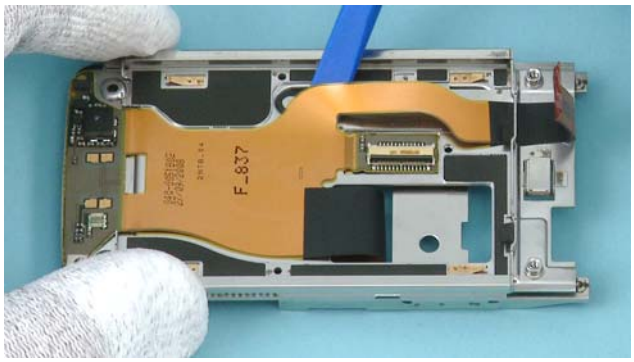


27) Detach the DOMESHEET ASSEMBLY with the dental tool.

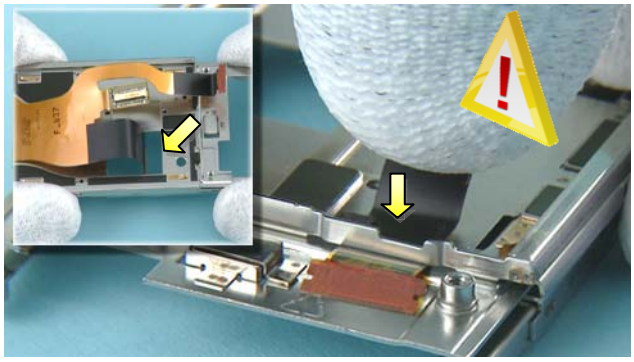
28) Release the two clips holding the MICRO SD PWB ASSEMBLY. Lift up the assembly to get access to the connector.



29) Open MICRO SD PWB ASSEMBLY connector and remove the assembly.



30) Carefully loosen up the adhesive on the MAIN FLEX with the SS-93 as shown.



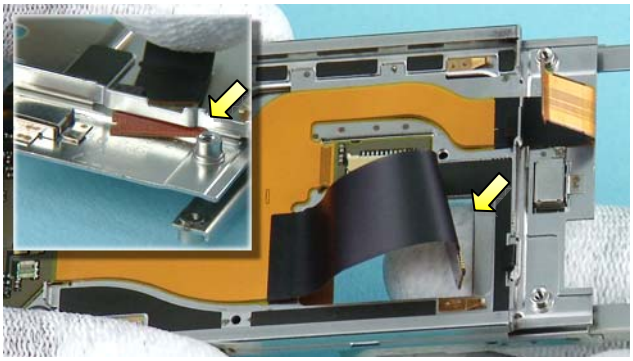
31) Then pull the flex connectors carefully through the gaps.

32) Continue loosening the adhesive until the main flex can be completely removed.

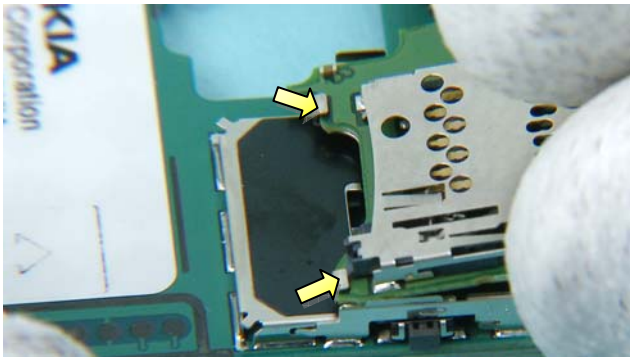
33) The Nokia 6260 SLIDE disassembly is now complete.

- END OF DISASSEMBLING -

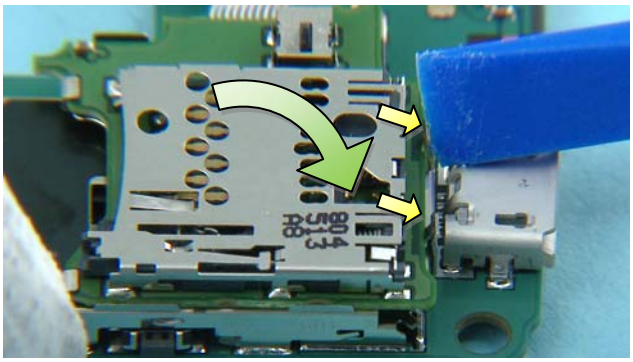
11. ASSEMBLY HINTS



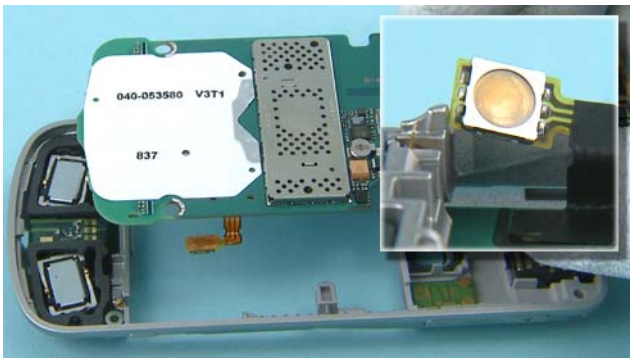
1) After attaching the MAIN FLEX, slide the connectors carefully through the gaps.



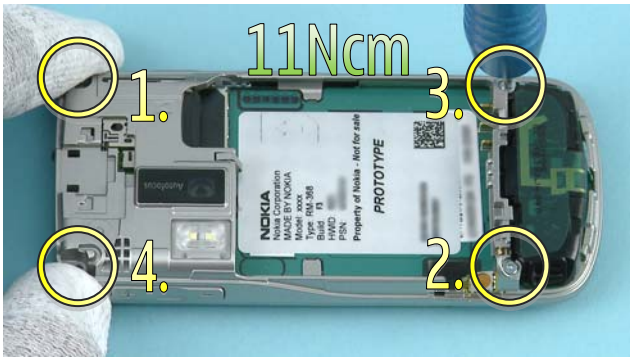
2) After connecting the MICRO SD PWB ASSEMBLY connector, first attach the two clips.



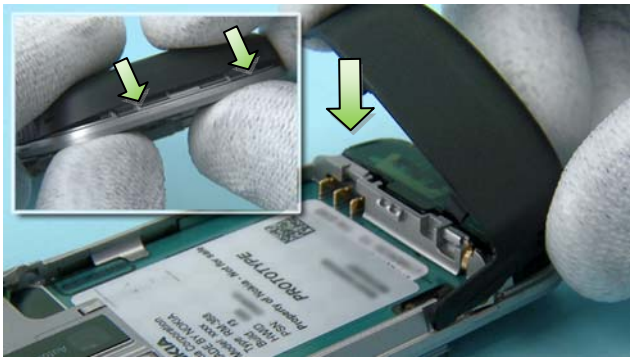
3) Rotate the MICRO SD PWB ASSEMBLY into position and attach the two remaining clips with the SS-93.



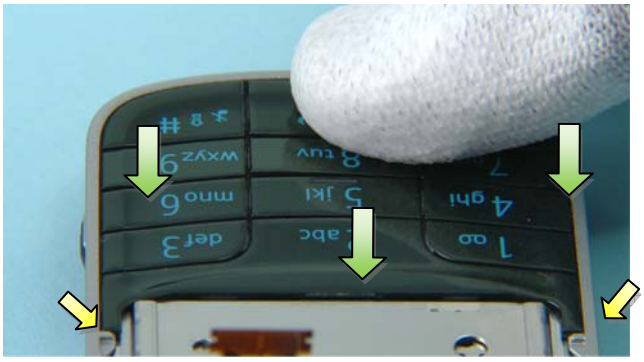
4) When placing the engine board, make sure that the camera key is not damaged.



5) Tighten the screws to the torque of 11Ncm in the order shown.

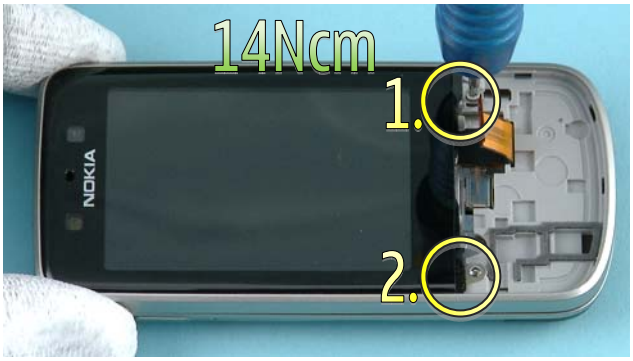


6) When placing the ANTENNA COVER ASSEMBLY, first attach the appendix. Then press the assembly down to attach the remaining clips.



7) Slide the MAIN KEYMAT into place by first attaching the two clips in the corners of the MAIN KEYMAT. Then press the MAIN KEYMAT edges to attach the rest of the clips.

8) Tighten the two screws to the torque of 14Ncm in the order shown.



9) Tighten the remaining screws to the torque of 14Ncm in the order shown.

12. SOLDER COMPONENTS

Solder components only for Level 2