

Programmes After Market Services NPM-5 Series Transceivers

Disassembly

[This page left intentionally blank]

Table of Contents

	Page No
Disassembly instructions.....	4
Remove B-cover	4
Remove battery and SIM card	4
Remove front cover (A cover)	5
Remove keys	5
Remove light guide	6
Remove UIF module	6
Remove CMT module	7
Remove spacer frame	8
Reassembly	9
Side keys assembly	9
Main modules reassembly	10
Front cover reassembly	11

Table of Figures

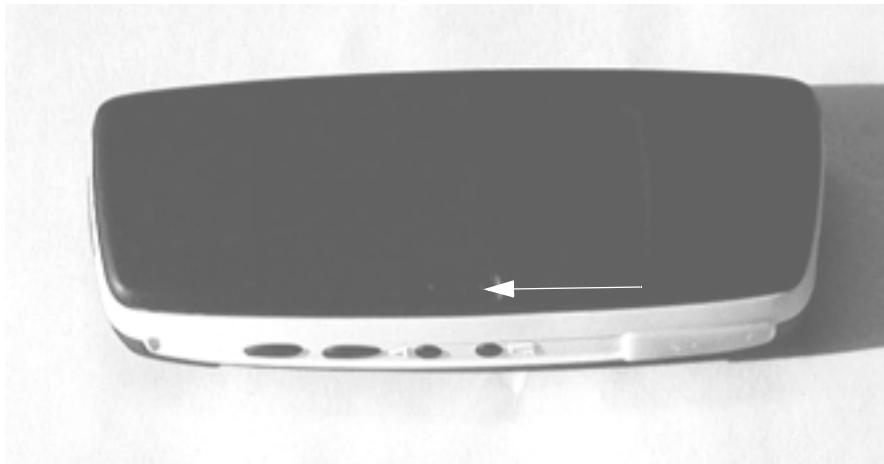
Fig 1 How to remove B cover.....	4
Fig 2 How to remove battery and SIM	4
Fig 3 Opening of front cover screws	5
Fig 4 How to remove A cover	5
Fig 5 Key mats	5
Fig 6 How to remove light guide	6
Fig 7 How to remove UIF module.....	6
Fig 8 How to remove CMT module.....	7
Fig 9 CMT module separated from the B cover	7
Fig 10 CMT PWB removal.....	8
Fig 11 Side keys assembly	9
Fig 12 CMT, UIF, light guide assembly	10
Fig 13 Final assembly	11

Disassembly instructions

Remove B-cover

- Turn the phone upside down, avoid making scratch marks on the LCD window.'
- Press the locking latch, slide the cover and lift it off.

Figure 1: How to remove B cover

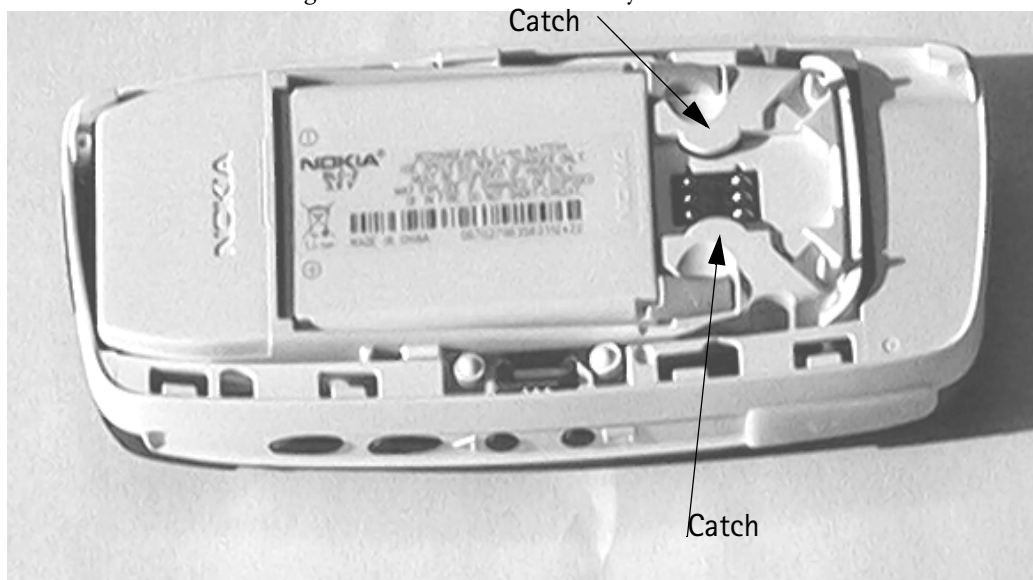


Remove battery and SIM card

Press the two catches in opposite directions and remove the battery.

Slide the SIM card (if inserted) out of its slot.

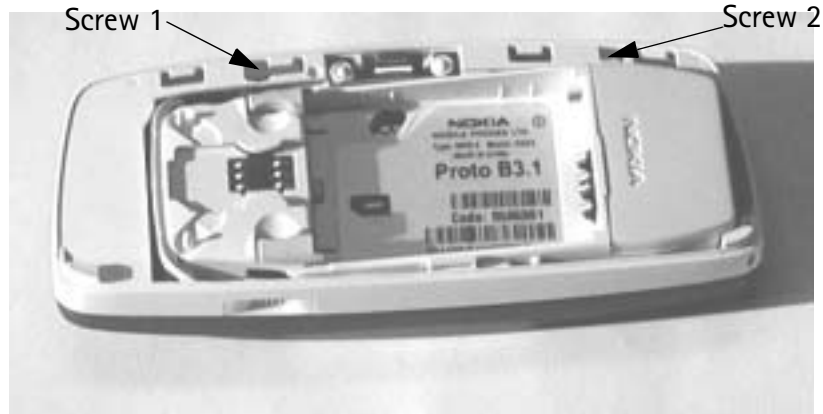
Figure 2: How to remove battery and SIM



Remove front cover (A cover)

Open the two screws holding the A cover.

Figure 3: Opening of front cover screws



Then turn the phone over and remove the A cover.

First pry open the corners as indicated by arrows:

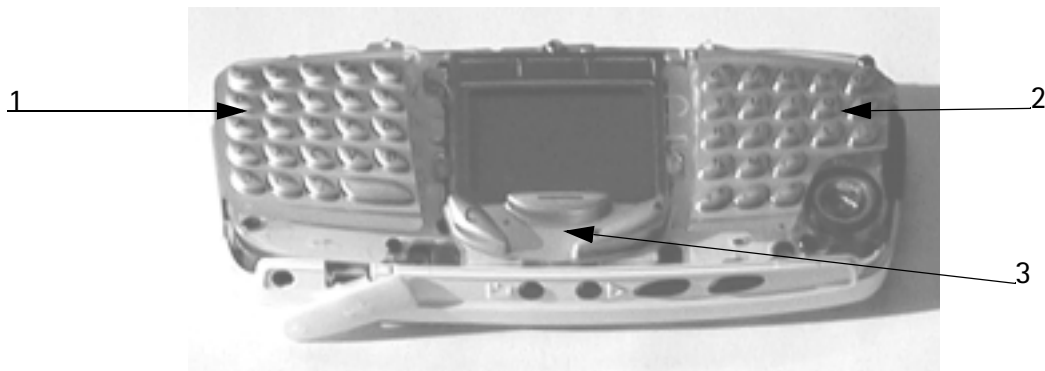
Figure 4: How to remove A cover



Remove keys

Lift out the left (1) and right (2) qwerty key mats and the keymat under the display (3).

Figure 5: Keymats



Remove light guide

Remove the screws holding the light guide and one holding the LCD.

Lift off the light guide.

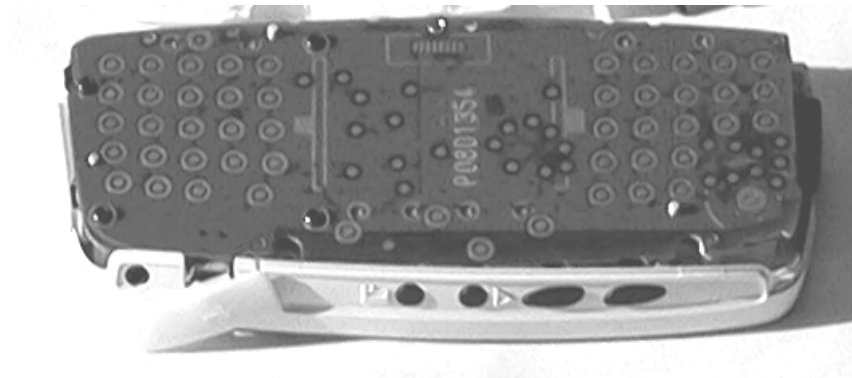
Figure 6: How to remove light guide



Remove UIF module

Remove the two screws holding the UIF module and lift off the module.

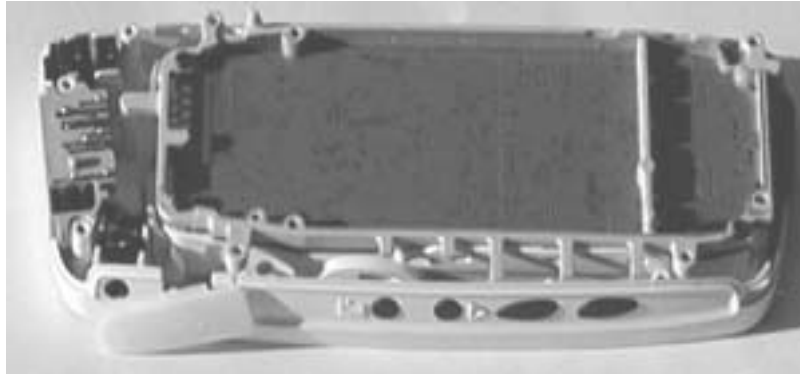
Figure 7: How to remove UIF module



Remove CMT module

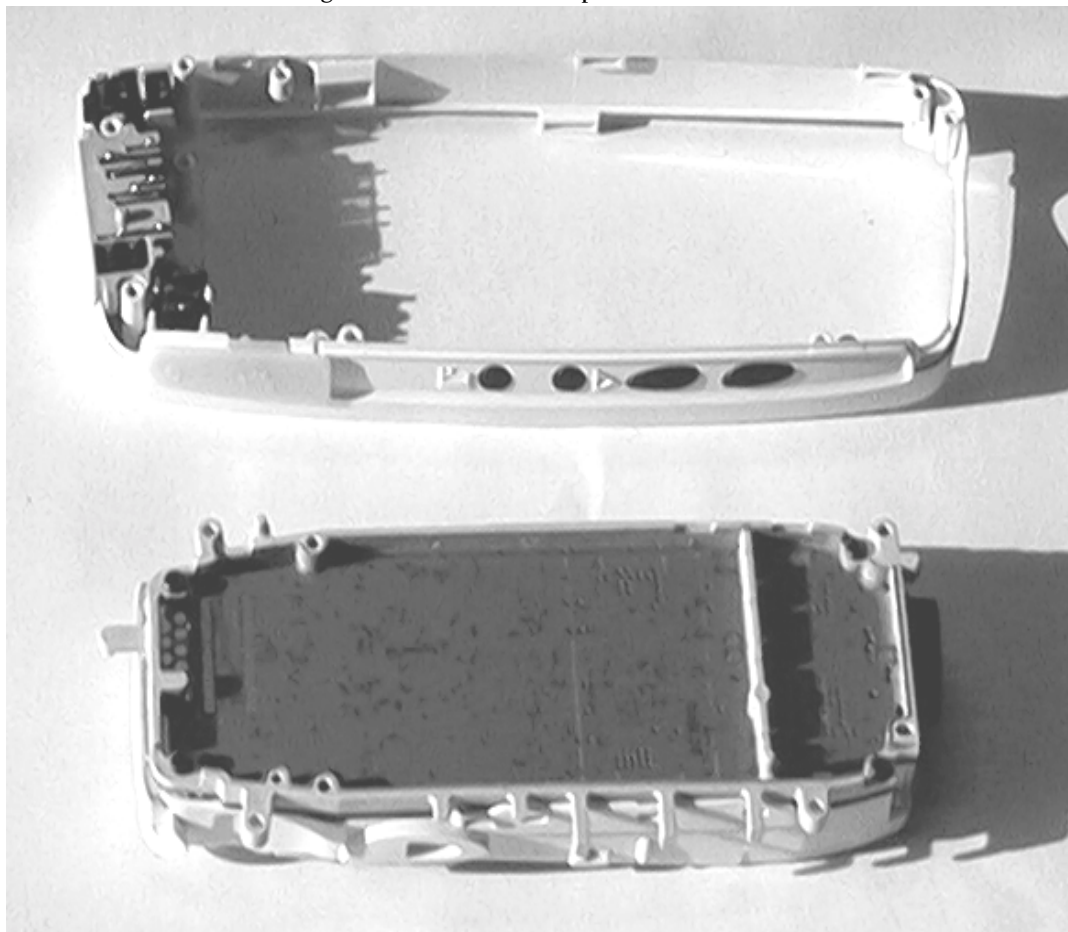
Remove the two screws holding the CMT module.

Figure 8: How to remove CMT module



Lift the CMT module out of the B cover.

Figure 9: CMT module separated from the B cover

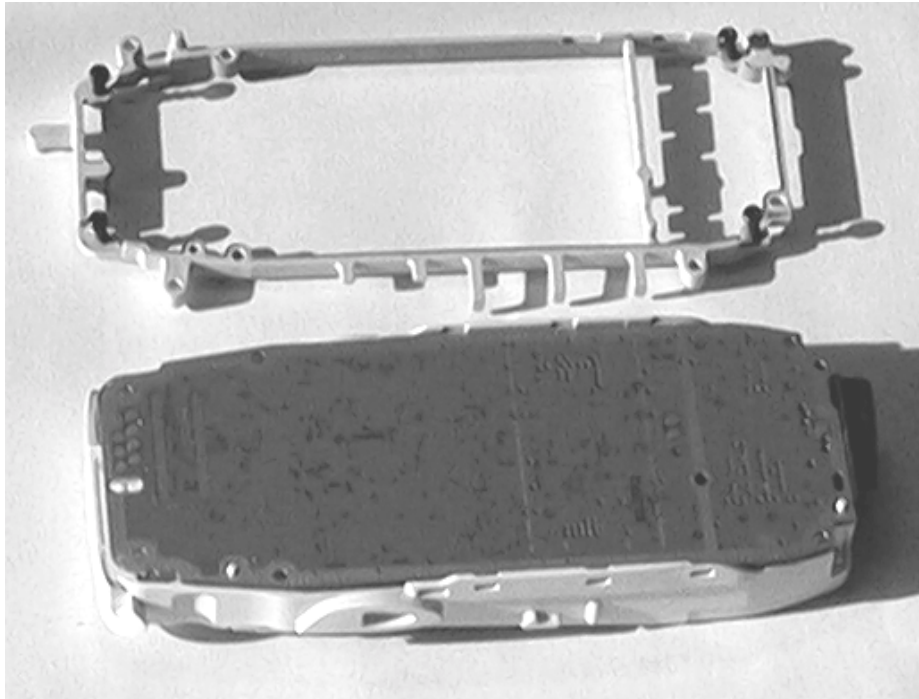


Remove spacer frame

Open the four screws holding the spacer frame.

Now the CMT PWB can be lifted off from its frame.

Figure 10: CMT PWB removal



Reassembly

Reassembly is carried out in reversed order compared with disassembly.

The screw torque is 0.17Nm (at 600rpm).

Some details of the reassembly are described on the following pages.

Side keys assembly

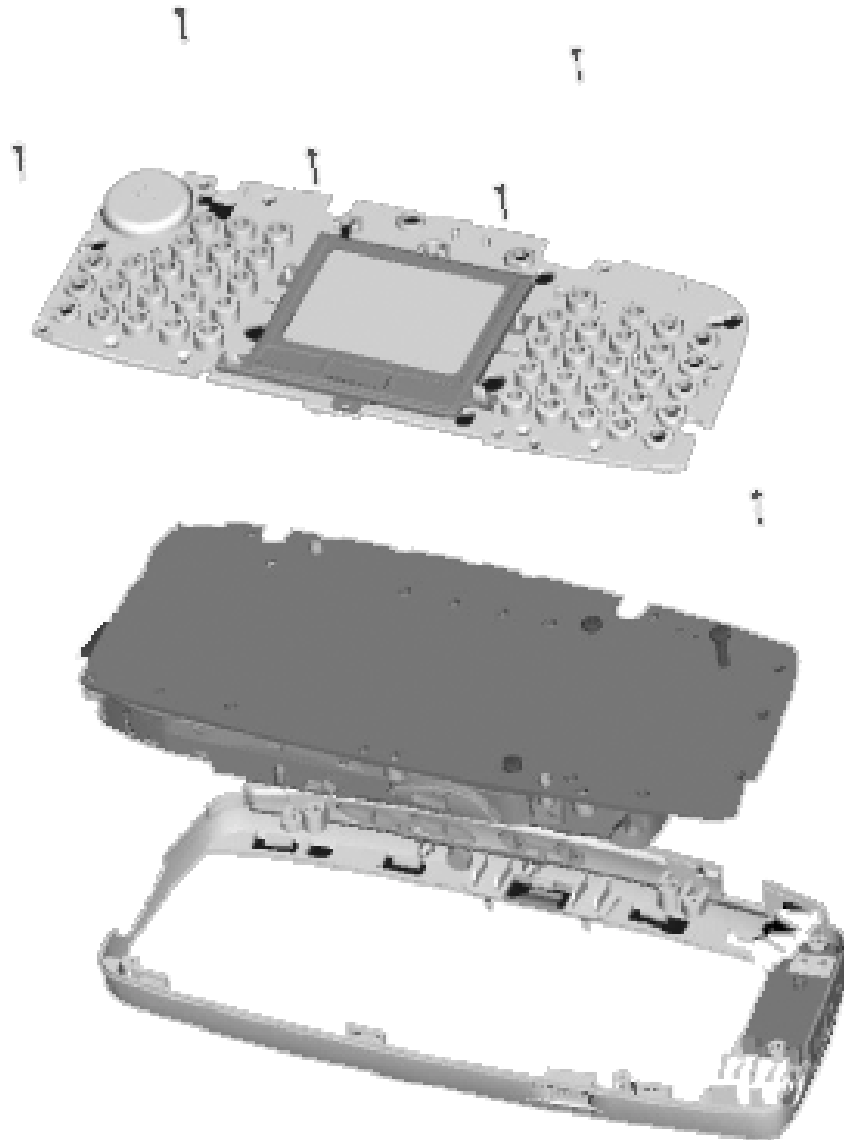
Figure 11: Side keys assembly



Note: The keys are an integral part of the B cover and cannot be removed, the figure above is for reference only.

Main modules reassembly

Figure 12: CMT, UIF, light guide assembly



Front cover reassembly

When assembling the keys and the front cover, it is advisable to do as follows:

- Place the keymats in the front cover which is upside down.
- Then place the entire phone assembly in the front cover from above.

(refer to Figure 13, "Final assembly," on page 11)

Figure 13: Final assembly



