Programme's After Market Services NME-3 Series Transceivers

Mechanical Parts Assembly Instructions

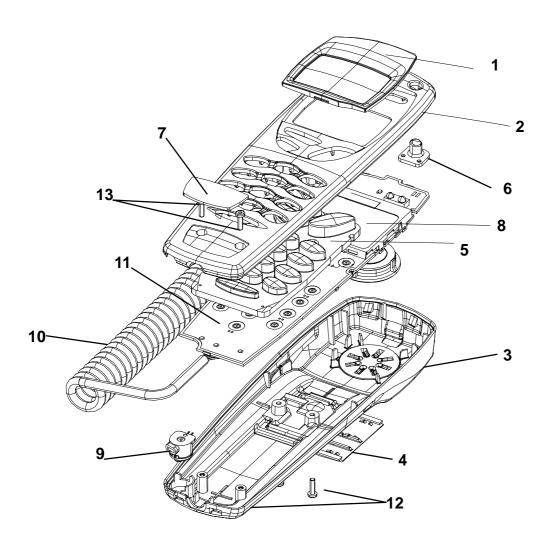
Mechanical Parts Assembly Instructions

Technical Documentation

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Handset - Mechanical Parts list



Item	Part Description	NMP - code
1	WINDOW	945 6568
2	A – COVER ASSY	9456610
3	B – COVER ASSY	9490099
4	SIM – DOOR ASSY	9490101
5	KEYMAT MODULE	979 4021
6	POWER KEY	979 0309
7	OEM LOGO (blank)	9430167
8	LCD MODULE	4850109
9	MIC BOOT ASSY	514 0115
10	CURLY CORD	978 0223
11	PCB ASSY	9854369
12	SCREW	629 0011
13	TYPE LABEL ROLL	937 0403

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Mechanical Parts Assembly Instructions

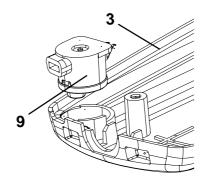
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Handset – Assembly Instructions

NOTE: WEAR GLOVES DURING THE ENTIRE ASSEMBLY PROCESS

B - COVER SUB ASSEMBLY

- B cover (3) and A cover to assembly jig
- Press mic. Boot assy (9) into B-cover (3)



NOTE: SPEAKER ASSY IS ULTRASONIC
WELDED TO THE B-COVER

PAMS NME-3

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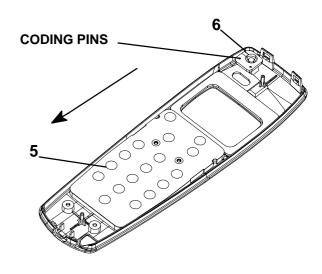
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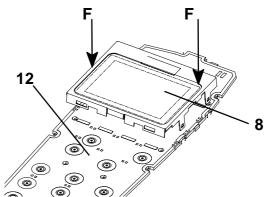
A - COVER PRE ASSEMBLY

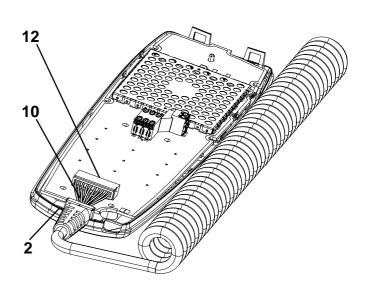
- Power key (6) to A cover (ensure, that both coding pins fit into the power key)
- Keymat (5) to A cover (do not touch contact area)
- Clean contact pads of keymat module with compressed air in the direction of the arrow

PCB SUB ASSEMBLY

- Check the LCD module version (Minna or Dude)
- Check that there is no rest at the PCB larger ca.0.2mm
- Fit LCD module (8) to the PCB assy (12)
- Check that all five LCD frame snappers fit accurately into the PCB
- The curly cord (10) plugs into the PCB assy. connector (12) clamp it into place
- · LCD protection foil off
- Clean PCB contact pads and LCD with compressed air
- PCB (12) to A cover (2)
- Strain relief of curly cord (10) to
 A cover, ensure it is fitted the right way
- The curly cord to the right side curls upwards
- Clean contact areas compressed air







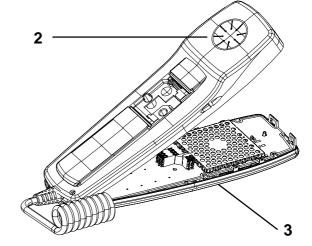
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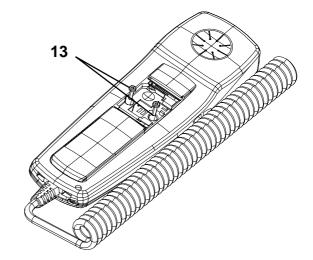
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FINAL ASSEMBLY

- Fit the bottom side of the B cover (3) to the A cover (2)
- Press B cover to A cover until it snaps home firmly.



 2 screws (13) trough B – cover into A – cover domes (400 rpm, 30Ncm)

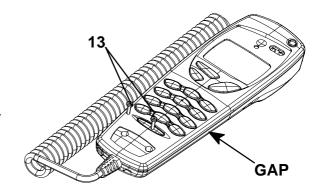


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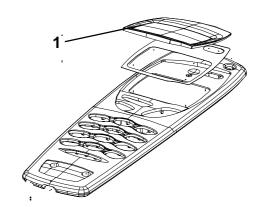
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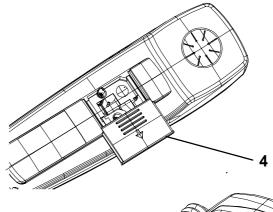
- Turn unit over to the keymat side
- 2 screws (13) trough A cover into B – cover domes (400 rpm, 30Ncm)
- Verify that A and B cover are properly closed by checking that the gap between them is constant all arround the Handset



- Clean window with compressed air
- Pull window adhesive protection foil off the A cover and ensure, that the adhesive foil does not lift at the finger lift side.
- Press window (1) to A cover, top side first
- · Press the window down till it clips home
- Press down the window to ensure fixation to B cover
- Attach protection foil to mounted window

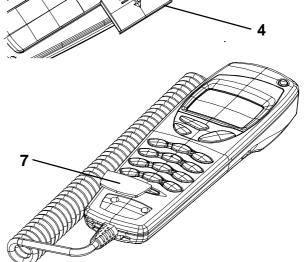


- Fit SIM door (4) to the B cover (till it firmly snap)
- Place type label to B cover



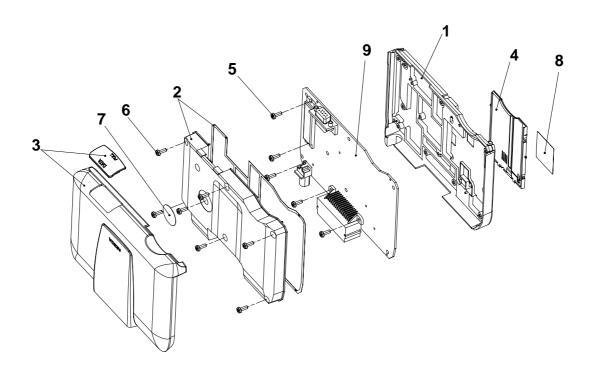
- Pull OEM logo (7) from the roll and stick it to the A

 cover
- Ensure that the logo fits completely in the recess area
- Pack Handset into a plastic bag and bulk package



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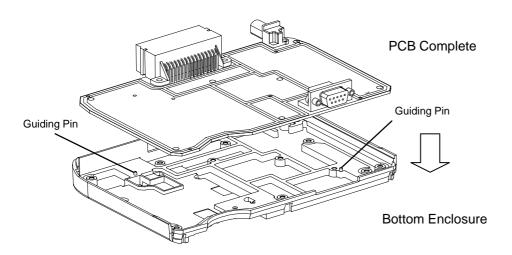
Radio Unit – Mechanical Parts List



Item	Part Description	NMP Code
1	BOTTOM ENCLOSURE	9537041
2	TOP SHIELD ASSY	9490057
3	TOP ENCLOSURE ASSY	9490056
4	SIM GUIDANCE	9450588
5	SCREWS M3x8 (5 off)	6290091
6	SCREWS M3x8 (7 off)	6290091
7	SEALING LABEL	9380933
8	NME-3 TYPE LABEL	9370402
9	GM8B RF/BASEBAND MODULE	0201346

Mechanical Parts Assembly Instructions

Radio Unit – Assembly Instructions



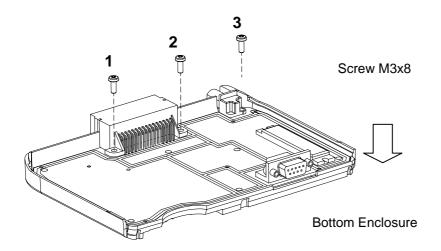
Level 0

Operation:

Mount PCB in Bottom Enclosure

To check:

- 1. check that cutting rest is not bigger than 0.2mm
- 2. PCB positioned by guiding pins (press down until peak of guiding pin aligns upper surface of PCB
- 3. Do not touch components



Level 1

Operation:

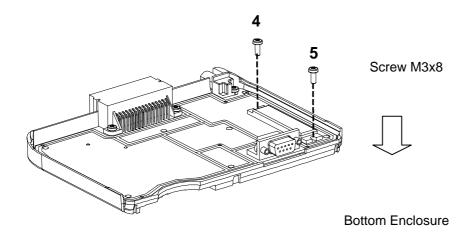
Fasten PCB with with 3 screws in the numbered order: 1-3

(torque: 63 Ncm, speed 400-1200rpm)

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Mechanical Parts Assembly Instructions

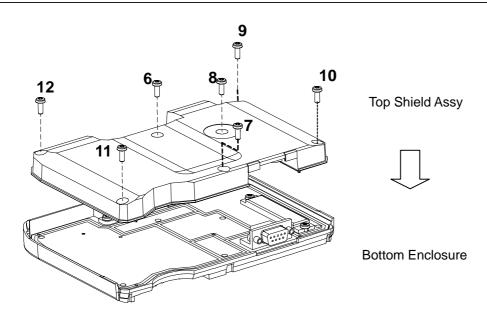


Level 2

Operation:

Fasten PCB and PA with 2 screws in the numbered order: 4+5

(torque: 63 Ncm; speed 400-1200 rpm)



Level 3

Operation:

1. Mount Top Shield assembly

2. Fasten 7 screws in the numbered order: 6–12

3. (torque: 63 Ncm; speed 400-1200 rpm)

4. Clean inside with compression air

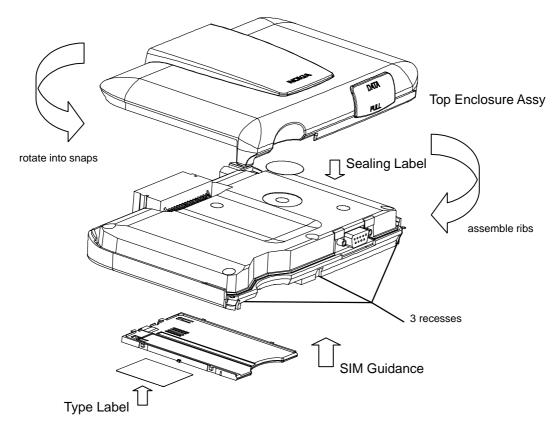
5. Check guiding pins

6. Check gasket pins

NME-3 PAMS

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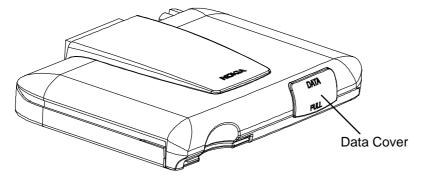
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Level 4

Operation: (in Order)

- 1. Assemble SIM Guidance to Bottom Enclosure by jig.
- 2. Add the sealing label
- 3. Assembling Top Enclosure (assemble ribs on inside of Top Enclosure to the 3 recesses marked above. Rotate Top Enclosure until it snaps on the other side). Add the type label making sure that the label lies in the recess area.)



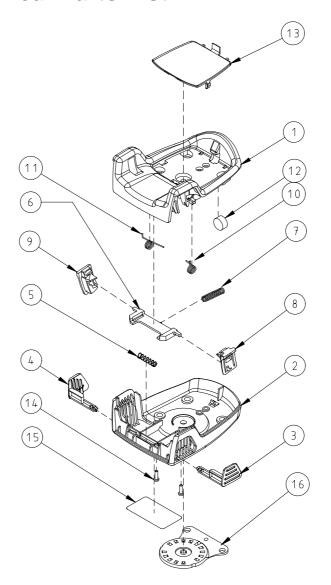
Level 5

To check: existence of Data Cover

to put RU in plastic bag

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Cradle – Mechanical Parts List



Item	Part Description	NMP Code
1	A COVER	9451519
2	B COVER	9451520
3	PUSH – RIGHT	9451504
4	PUSH – LEFT	9451522
5	SPRING PUSH	6400063
6	SLIDER	9460309
7	SPRING SLIDER	6400109
8	HOOK – RIGHT	9451501
9	HOOK – LEFT	9451521
10	SPRING HOOK – RIGHT	6400105
11	SPRING HOOK – LEFT	6400107
12	MAGNET	6490017
13	SCREW COVER	9451505
14	SCREW T6x8 (2 off)	6293005
15	LABEL	9380535
16	MOUNTING PLATE	9460310

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Mechanical Parts Assembly Instructions

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