

**Programs After Market Services (PAMS)**

**Technical Documentation**

# ***SERVICE MANUAL***

## **NSM-2 SERIES CELLULAR PHONES**

**NMP Part No.  
Update 09/2000**

**Issue 1: 0275427  
Issue 2: 0275478**

# **NOKIA**

NSM-2 issue 2: 09/2000

## AMENDMENT RECORD SHEET

<b>Amendment</b>	<b>Date</b>	<b>Inserted By</b>	<b>Comments</b>
Issue 1	12/99	Jouni Rantala	
Issue 2	09/2000	Jouni Rantala	<b>Foreword</b> Amendment sheet filled.
			<b>General Information</b> HHS-12 Swivel Mount added. ACP-7P charger removed.
			<b>System Module</b> Partls List and Schematic Diagrams for layout 19 added.
			<b>UI Module</b> IR Module text edited.
			<b>Product Variants</b> Exploded View and Item numbering edited.
			<b>Service Software Instructions</b> Edited to correspond with changes made in Service Software.
			<b>Service Tools</b> SCD-6 product code removed. FLC-2 picture added. JLP-1 and AXS-4 added. FLS-2D codes corrected.
			<b>Non Serviceable Accessories</b> HHS-12 Swivel Mount added. ACP-7P charger removed. LPS-3 edited.

**NSM-2  
SERIES CELLULAR PHONES  
SERVICE MANUAL**

**CONTENTS:**

**Foreword**

**General Information**

**System Module**

**UIF Module**

**Product Variants**

**Service Software Instructions**

**Service Tools**

**Disassembly/Troubleshooting Instructions**

**Non-serviceable Accessories**

**IMPORTANT**

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

**Company Policy**

Our policy is of continuous development; details of all technical modifications will be included with service bulletins.

While every endeavour has been made to ensure the accuracy of this document, some errors may exist. If any errors are found by the reader, NOKIA MOBILE PHONES Ltd should be notified in writing.

Please state:

Title of the Document + Issue Number/Date of publication

Latest Amendment Number (if applicable)

Page(s) and/or Figure(s) in error

Please send to:

Nokia Mobile Phones Ltd  
PAMS Technical Documentation  
PO Box 86  
24101 SALO  
Finland

## 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:

### 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.
4. CLASS 1 LASER PRODUCT. See IEC60825-1 specification: 825-1; 5: Labelling, 5.1: General, 5.2: Class 1

### 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. Ensure solder, wire, or foreign matter does not enter the telephone as damage may result.
4. Use only approved components as specified in the parts list.
5. Ensure all components, modules screws and insulators are correctly re-fitted after servicing and alignment. Ensure all cables and wires are repositioned correctly.
6. All PC's used with NMP Service Software for this produce must be bios and operating system "Year 2000 Compliant".

This page intentionally left blank.