

Installation Instruction, Mechanical

Applicable for S500, W580

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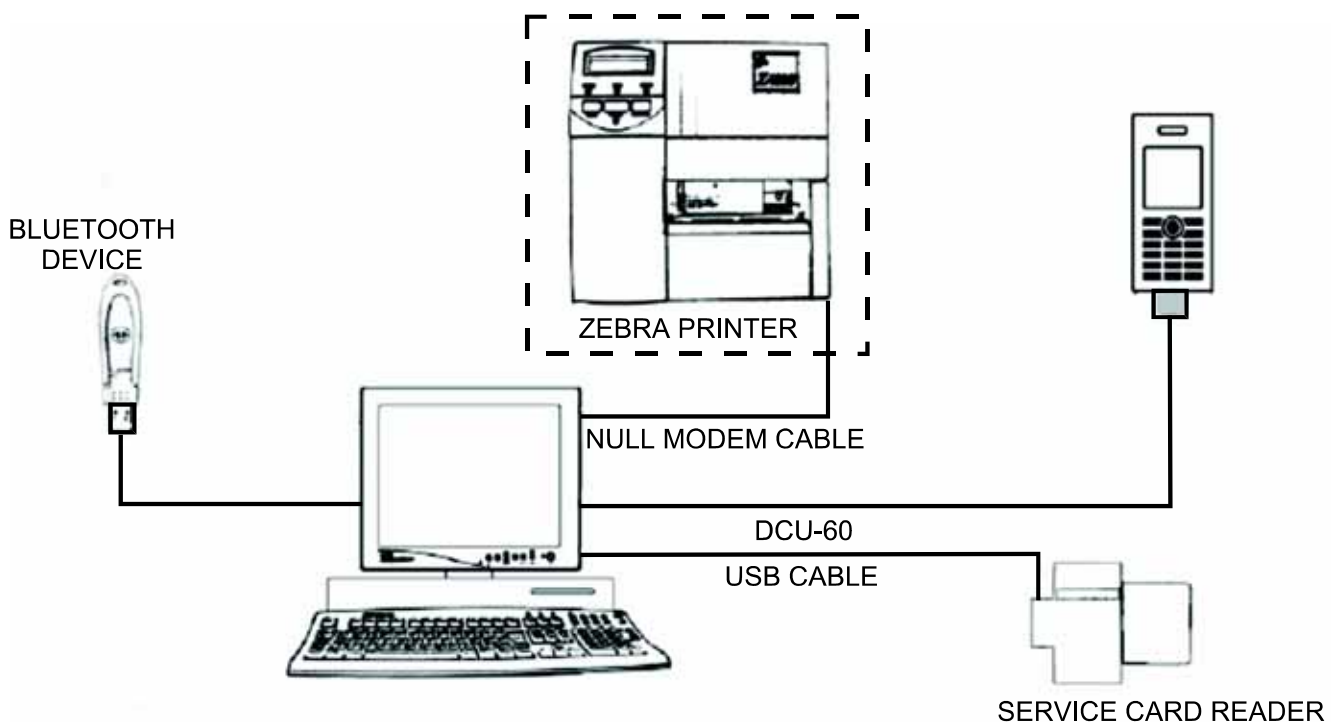
1 General

This document describes the installation procedure for the Mechanical repair package. The Mechanical repair package consists of a Computer and Interface Cables. A service card is required for security reasons. A label printer can be installed to be able to print new labels (optional).

2 Hardware

All hardware must be approved by Sony Ericsson and is documented in the Equipment List.

2.1 Test Setup



The equipment in this picture is specified in the Equipment List.

2.2 Computer

IBM compatible computer is required. The computer should include at least two USB-ports. Refer to Equipment List for minimum requirements.

2.3 Service Card Reader/Service Card

NOTE! *The Service Card is only needed for printing labels and when flashing offline*

The Service Card Reader is delivered with the necessary software and instructions for installation. The Service Card Reader should be connected to a USB-port on the computer. The Service Card should be inserted into the Service Card Reader.

Smart Card Reader



Service Card



2.4 Sony Ericsson programming interface cable – DCU-60

The cable is the interface between the computer and the phone. The DCU-60 cable should be connected to a USB-port on the computer.

2.5 Bluetooth Device

Any Bluetooth device such as a headset, other Bluetooth phone or other Bluetooth device can be used to verify the Bluetooth function in the phone. Set up the connection according to the chosen equipment manufacturer instructions.

2.6 Power Supply (optional)

A Power Supply according to the Mechanical Equipment List may be used.

Set the output of the Power Supply as follows

- Voltage: 3.8Vdc
- Current: 2.0Amps

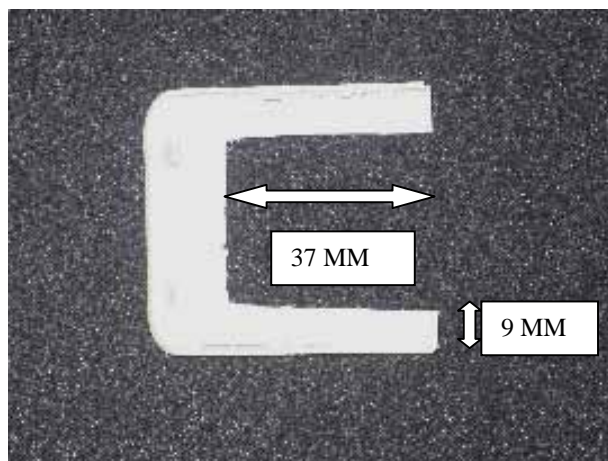
2.7 Battery Eliminator (Dummy Battery)

A Battery Eliminator is to be used together with a power supply to power the phone. Connect the cables from the battery eliminator to the power supply, red cable to positive output terminal and black cable to negative output terminal. There is a 3-position switch on the Battery Eliminator that should be set to position "B".

2.8 Battery Eliminator Support (Dummy Battery)

In some situations, a device may be needed to hold the battery eliminator in place when it is being used. The following is a set of simple instructions for making a support that holds the battery eliminator in place during use.

1. Obtain a battery cover. (The battery cover is listed in the Mechanical Parts List.)
2. Cut out the center of the battery cover using the dimensions specified in the picture below.



3. Assemble the Battery Eliminator (Dummy Battery) and modified battery cover to the phone. Make sure that the Battery Eliminator (Dummy Battery) and the modified battery cover both mount correctly, easily, and that there is no interference between the battery cover and the wires of the battery eliminator.

2.9 Label Printer

A Zebra printer shall be used. Connect the printer with a Null Modem cable [refer to the Zebra printer manual] to the serial port on the computer. Read the Zebra installation manual for more information about the installation.

3 Software

3.1 EMMA III

EMMA III contains software upgrades and tools required for servicing this phone. Emma III is accessible through the CSPN web page. Installation and user manuals are available at the EMMA III start page.

<http://ma3.extranet.sonyericsson.com/ma3/>

3.2 Labelmake II software

LabelMake II is an application installed through Java Web Start.

Access the Labelmake II software from the CSPN Web page.

You will find LabelMake II in the dropdown menu on the CSPN web page.

<http://cspn.extranet.sonyericsson.com>

Press "START LabelMake II "button and you will be directed to the LABELMAKE II client page.

Product labels are downloaded on-line from a remote server database.

4 Revision History

Rev.	Date	Changes / Comments
A	2007-05-10	Initial Release
B	2007-07-10	Removed "optional" from Labelmake