



Installation Instruction - Electrical

Applicable for J110 and J120

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1 General

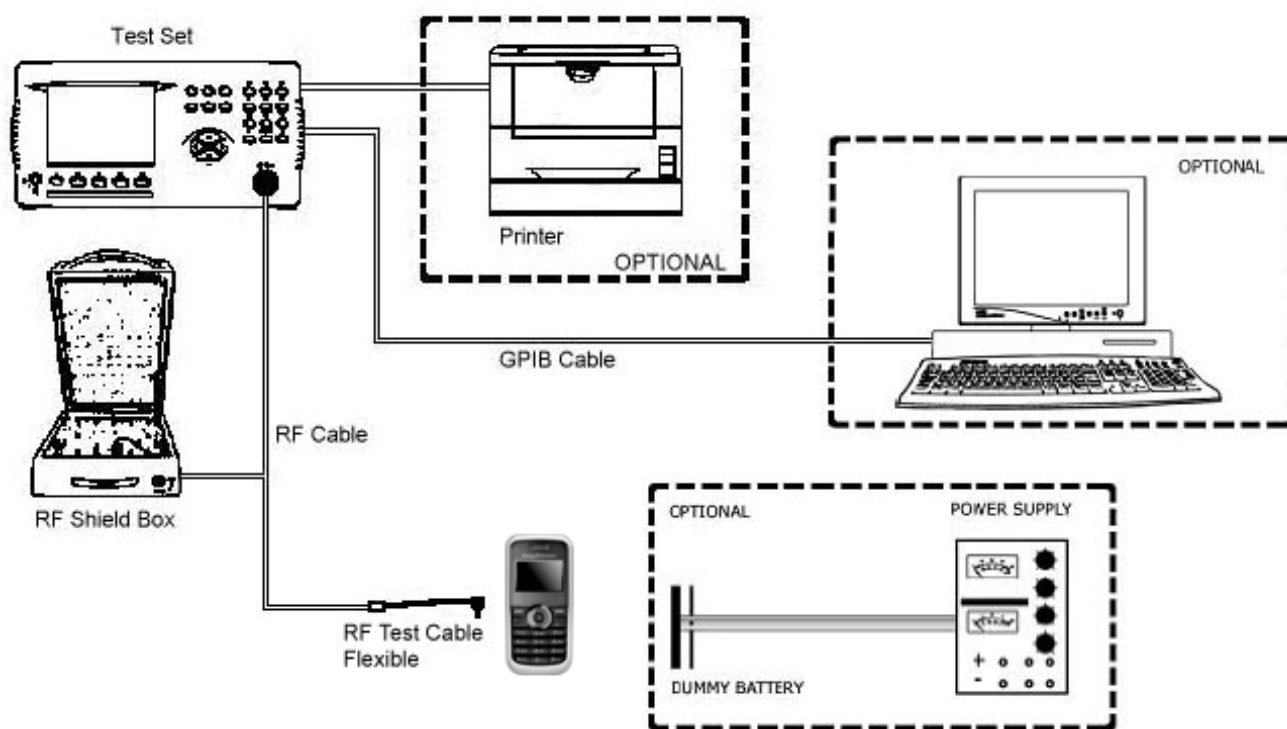
The Electrical Installation Instructions describes the procedures for installing all of the hardware and software needed to perform testing, calibration, software loading and repair activities at an Electrical level for the Sony Ericsson products specified.

2 Go/No Go Testing

There are two options for performing a Go No/Go test. One is to use an RF Fixture and the other is to use an antenna coupler together with a shielding box.

2.1 Test Set-up Go/No Go test

All test hardware necessary for this test set up is documented in the Electrical Equipment List.



2.2 Test Set

An E-GSM 900/GSM 1800/GSM 1900 Test Set approved according to the Instrument List must be used.

It should be installed according to the Instrument Manufacturer Instructions.

2.3 RF Connection - Antenna Coupler

Connect the RF Cable between the RF-port of the Test set and the RF Shield box. The Antenna Coupler should be installed into the RF Shield Box according to manufacturer instructions.

2.4 RF Connection – Test Cable Flex (optional)

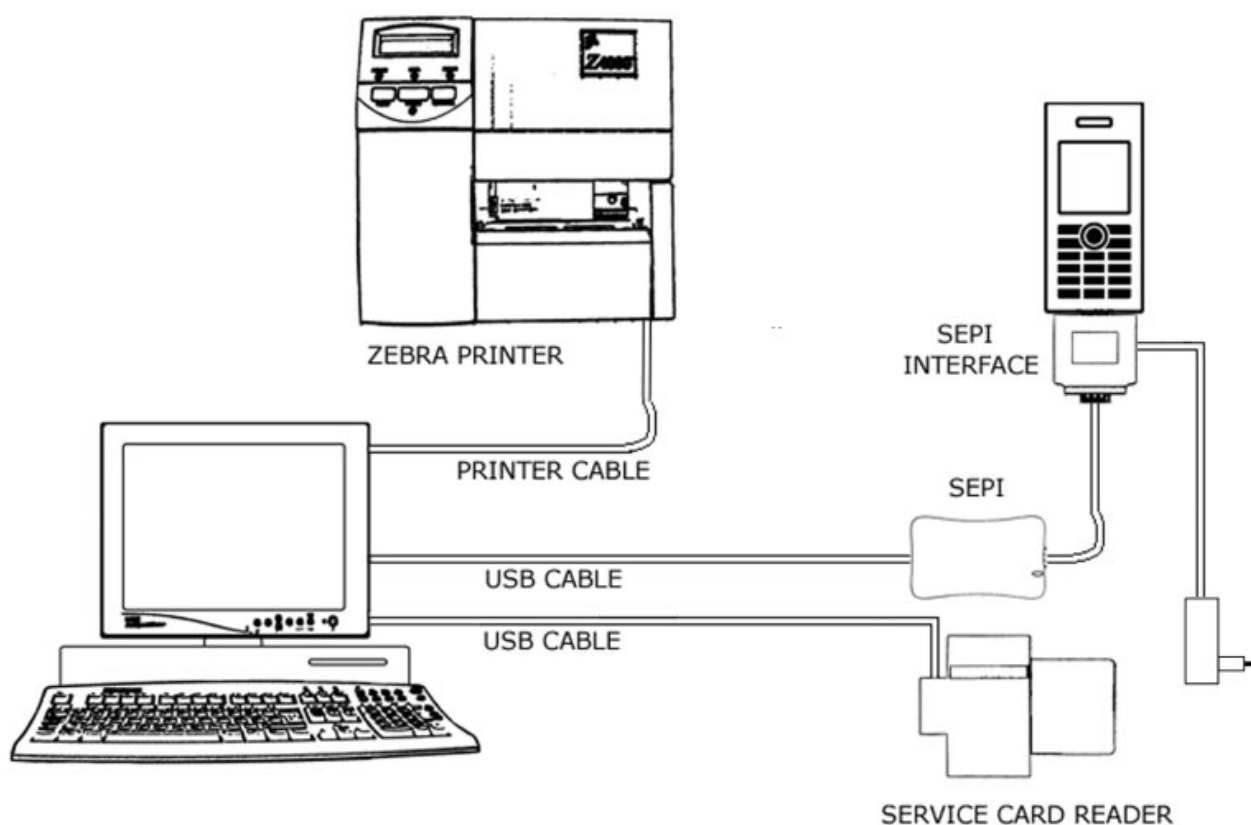
Connect the RF-cable between the RF-port of the Test set and the RF Test Cable Flexible. Assemble the Test Cable to the phone according to the information in the Test Instruction Electrical.



3 General Equipment

3.1 Test Set up

General Test set up to perform SW loading and manual test according to Test Instruction. All necessary hardware for this test set up is documented in the Electrical Equipment list.



3.2 Computer

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

3.3 Service Card Reader and Service Card

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



3.4 Sony Ericsson Programming Interface – SEPI (optional)

The USB programming interface is delivered with the necessary software and instruction for installation. The USB programming interface (SEPI) should be connected to an USB-port on the computer.

3.5 Sony Ericsson Programming Interface A1 Cable (optional)

The cable is the interface between the USB programming interface (SEPI) and the phone.

NOTE! The SEPI A1 cable must be connected with a CST-60 Standard Charger

3.6 Label Printer (optional)

A Zebra printer model 90xi, 90xill or 4000 deluxe shall be used. Connect the printer with a standard RS 232 serial printer 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.

4 Software

4.1 EMMA III

EMMA III contains all software required to service the product. Installation and user manuals are available in the EMMA III start page.

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

4.2 Labelmake II software (optional)

LabelMake II is an application installed through Java Web Start.

Access the Labelmake software from [CSPN](http://cspn.extranet.sonyericsson.com) 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.



4.2.1 SERP Go/No Go Test Script

SERP stands for “**S**ony **E**ricsson **R**epair **P**latform”. It is an application used for testing, calibrating and repairing Sony Ericsson mobile phones.

NOTE! For J110 and J120, SERP can only be used for Go/No-Go tests

1. Download the latest revision of the SERP application from CSPN (**Repair Instructions/Standard/SERP Install Package**) or through the use of the SERP Online Update Tool (OUT).
2. Unzip the file and open the file “SERP_Installation.doc” for installation instructions.
3. After SERP is installed a file titled “SERPINFO.htm” will be placed on the Windows Desktop. This file contains numerous documents including:
 - SERP Users Manual – This document contains system requirements, release notes, fault reporting instructions, supported test instruments, installation procedures and detailed operating instructions.
 - SERP Troubleshooting Guide – This document contains a few troubleshooting steps that should be reviewed before reporting issues to Sony Ericsson.
 - SERP Trouble Report Form – This form should be filled out when reporting SERP issues to the regional support team.
 - SERP OUT Quick Guide – This document contains system requirements, registration information and general user guidelines for the OUT application.

4.3 SERP (only authorized centers)

Download the latest revision of SERP application from [CSPN](http://cspn.extranet.sonyericsson.com). This application is located under **Repair Instructions/Standard/SERP Install package**

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

Unzip the file and open the Installation instructions.
Follow the Install instructions to install SERP.



5 Revision History

Rev.	Date	Changes / Comments
A	2007-06-13	1 st release