

# Installation Instruction, HVC/Electrical

Applicable for Z1010

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# 1 Abstract

This document describes the installation procedure for the Electrical repair package.

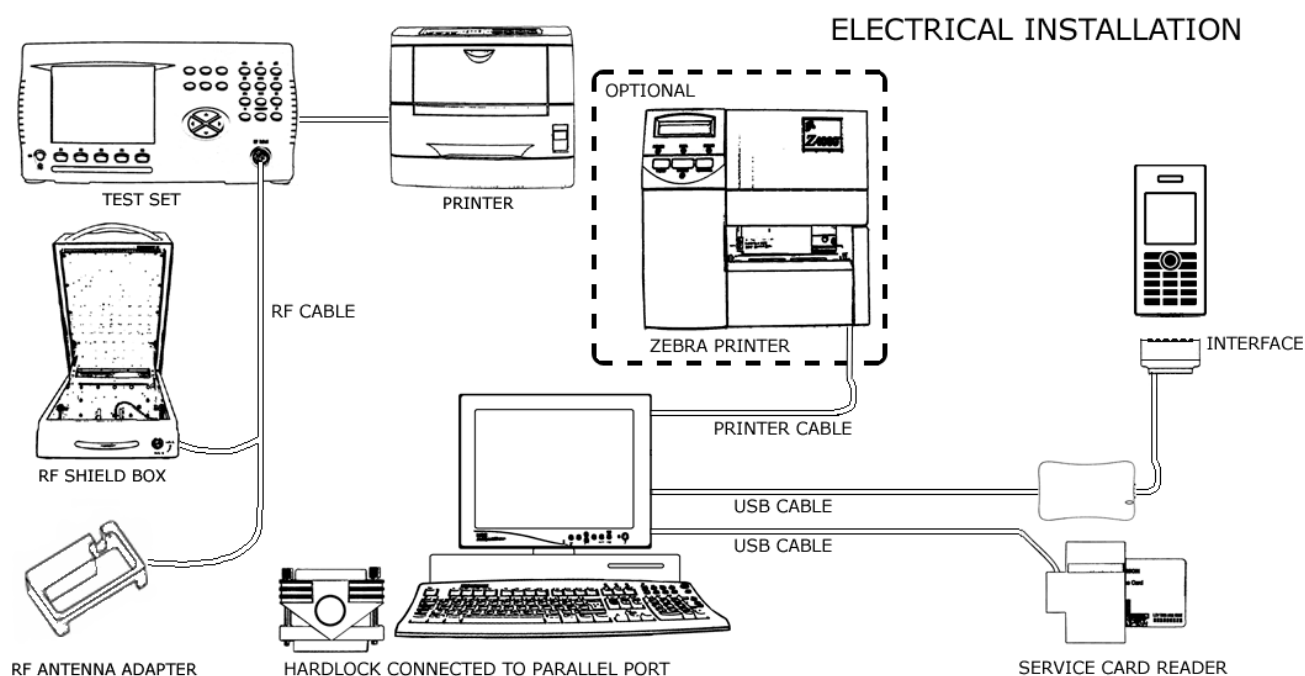
# 2 General

The Electrical repair package consists of a Test Set, an RF Shield box including an antenna coupler, an RF-antenna adapter (optional), a Computer and Interface cables. A Hardlock and a Service Card are required for security reasons. A label printer can be installed to make it possible to print new labels (optional).

# 3 Hardware

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

## 3.1 Test Setup



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

### **3.1.1 Test Set**

Test Set approved according to the Equipment List must be used.  
It should be installed according to the Instrument Manufacturer Instructions.

### **3.1.2 RF Connections Antenna Coupler**

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

### **3.1.3 RF Connections Antenna adapter (optional)**

Connect the RF-cable between the RF-port of the instrument and the Antenna adapter.  
Assembly the antenna adapter to the RF-holder according to the information in the Test instruction Electrical.

## **3.2 Computer**

IBM compatible computer with Windows 98, Windows XP or Windows 2000 installed. The computer should include at least two USB-ports.

## **3.3 Hardlock**

Hardlock with article number KRY 105 165 is required. The Hardlock should be connected to the parallel port.



### 3.4 Service Card Reader

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.



Service Card



Service Card Reader

### 3.5 Sony Ericsson programming interface - SEPI



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

#### 3.5.1 Sony Ericsson interface - SEPI



The USB cable is the interface between the USB interface and the phone.

### **3.5.2 USB PC cable**



The A-B Plug-Plug cable is the interface between the computer and the USB interface. Connect the cable between the USB programming interface and the computer.

## **3.6 Label Printer (optional)**

A Zebra printer model 90xi, 90xiII 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.

## **3.7 Infrared Device**

A Jet-Eye, inbuilt Infrared on laptop or other Infrared device can be used to verify the Infrared function in the phone. Install the chosen equipment according to the installation instruction from the manufacture.

## **3.8 Bluetooth Device**

Any Bluetooth device as 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 equipments manufacture.

## 4 Software

### 4.1 EMMA II

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

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

### 4.2 Labelmake software (optional)

Download the Labelmake software from [CSPN](#). Unzip the file and run the setup.exe and follow the instructions. Read the file README.txt under C:\Program Files\Ericsson\Labelmake and follow the instructions. Start the program by selecting Labelmake in your Windows START-menu.

This product is using labels from the EU-database. To add the latest Database from [CSPN](#), download the latest file and run the Setup.exe and follow the instructions.

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

### 4.3 Radio script

Download the latest radio script file from [CSPN / Repair Instructions / Standard](#). Install the script file according to the Instrument Manufacturer Instructions.

## 5 Revision History

Rev.	Date	Changes / Comments
A	2004-04-16	First release
B	2005-01-03	Due to system problem