

# Equipment List, Mechanical

Applicable for K200 and K220

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## 1 General

This document describes the minimum required equipments for the Mechanical Repair Process of the K200 and K 220 mobile phones.

Equipment listed without a part number is not orderable from Sony Ericsson and must be bought locally.

## 2 Column Definitions

The matrices in the end of the equipment tables describe where the actual equipment is needed (marked with an X) or may be needed/optional (marked with a Z).

Flash upgrade:      Equipment for downloading software to the unit, both signalling and test-program.

Manual test:        Equipment necessary to perform a manual test.

Repair:              Equipment necessary for replacing components.

The columns that assist in specifying and/or clarifying the equipment needed are considered description type columns.

- Description      The name of the equipment.
- Part Number    The Sony Ericsson part number to use when ordering from Sony Ericsson.
- Comments      Additional information that helps to specify or clarify the equipment.

## 3 Repair Equipment, Mechanical

Some of the required equipment will be provided by Sony Ericsson and some equipment has to be sourced locally. This chapter will separate these equipments.

### 3.1 Sony Ericsson Provided Repair Equipment

			Flash Upgrade	Manual Test	Repair
Description	Part Number	Comments			
Sony Ericsson Programming Interface - SEPI	LTN 214 1484	USB/Interface Box+CD	X		
SEPI Interface Cable – A1	KRY 101 1119/1		X		
USB Service Card Reader	LZY 213 1191	Software Package/CD+USB Reader	X		
Service Card	LZY 213 595		X		
Torque Screwdriver*	NTZ 112459	Torque set to 15Ncm +/- 6%			X
Torx Bits No. 6	NTZ 112 288	Spare part to screwdriver			X
Front Opening Tool	NTZ 112 302/2				X
Battery Eliminator	NTZ 112 542	Dummy Battery	Z		
Camera removal tool	NTZ 112 1070				X

\*Any screwdriver that fulfils torque and bit demand can be used.

The matrix describes where the actual equipment is needed, marked with an X, or may be needed/option, marked with a Z.

### 3.2 Picture of equipments orderable from Sony Ericsson

Pictures of tools that is orderable from Sony Ericsson.

			
LZY 213 1191	LZY 213 595	NTZ 112 302/2	KRY 101 1119/1
			
LTN 214 1484	NTZ 112 459	NTZ 112 288	NTZ 112 542
			
NTZ 112 1070			

### 3.3 Equipment Provided by Other Suppliers

This is the list of equipments provided by other suppliers than Sony Ericsson

		Flash Upgrade	Manual Test	Repair
Description	Comments			
Battery	Standard Battery BST-37	X	X	
Battery Charger	Standard SonyEricsson charger		X	
Computer	Minimum Pentium III 500 Mhz 128 Mb RAM or better. At least 2 USB ports	X		
USB-PC Cable	Type A-B Plug-Plug Cable	X		
Tweezers	ESD-safe			X
Isopropyl Alcohol	To be used when removing the glue			X
Cotton Gloves	ESD-safe			X
Zebra Printer	90xi, 90xi II or 4000 deluxe			Z
Printer Cable	Standard RS 232 serial printer cable [referred to Zebra printer manual]			Z
Hot Air Flow Repair Station,Medium	To be used when removing phone label (if needed)			Z
IR-device	To be used to make connection between the phone and the device		X	
Hands free equipment.	To be used to verify the system connector. Applicable for K200&K220		X	
Operator SIM-card	To be used when making a landline call		X	

\*The matrices describe where the actual equipment is needed (marked with a X) or may be needed/optional (marked with a Z).

## 4 Revision History

Rev.	Date	Changes / Comments
A	2007-04-30	First release