

Equipment List, Mechanical

Applicable for K750i / K750c

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1 General

This document describes the minimum required equipments for the Mechanical Repair Process of the K750i / K750c mobile phones. Equipment listed without a part number is not orderable from Sony Ericsson and must be bought locally.

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.

2 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.

2.1 Sony Ericsson Provided Repair Equipment

Description	Part Number	Comments	Flash Upgrade	Manual Test	Repair
USB Service Card Reader	LZY 213 1191	Software Package/CD+USB Reader. Only needed for offline use of EMMA III and online activation (CSCA)	Z		
Service Card	LZY 213 595	Only needed for offline use of EMMA III and online activation (CSCA)	Z		
DCU-60/USB Cable	KRY 101 1413	Interface cable between PC and phone	X		
SonyEricsson programming interface - SEPI	LTN 214 1484	USB/Interface Box+CD	Z		
SonyEricsson programming interface cable	KRY 101 1119	SEPI cable	Z		
Torque Screwdriver *	NTZ 112 459	Torque set to 9, 14, 17 and 20 Ncm +/- 6 %			X
Bits	NTZ 112 1052	Spare part to screwdriver			X
Bits	NTZ 112 288	Spare part to screwdriver			X
Front opening tool	NTZ 112 302/2				X
Flex film assembly tool	NTZ 112 521	Tweezers for flexfilms			X
Battery Eliminator	NTZ 112 542	Dummy battery	Z		

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

2.2 Pictures of equipments

			
LZY 213 1191	LZY 213 595	KRY 101 1413	LTN 214 1484
			Picture missing
NTZ 112 459	NTZ 112 1052	NTZ 112 288	KRY 101 1119
			
NTZ 112 302/2	NTZ 112 521	NTZ 112 542	

2.3 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	BKB 193 203/1	X	X	
Battery Charger	Standard SonyEricsson charger applicable for K750i / K750c <i>Note! New systemconnector on the phone!</i>		X	
Computer	Minimum Pentium III 500 Mhz 128 Mb RAM or better. At least 2USB ports	X		
Tweezers	ESD-safe			X
Dentist hook	To be used when removing the adhesives.			X
Plectrum	To be used when removing the front and antenna cover			X
Isopropyl Alcohol	To be used when removing 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	
Bluetooth-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 K750i / K750c <i>Note! New systemconnector on the phone!</i>		X	
Operator SIM-card	To be used when making a landline call.		X	
Barcode Scanner	The device must be able to decode code128 and 128C			Z

		Flash Upgrade	Manual Test	Repair
Description	Comments			
Ionized Air Gun or blower	Optional, but recommended - neutralizes the static, therefore allowing dust and fine particles to be easily blown off			Z
Power supply	NOTE: Only necessary if using the Battery Eliminator.	Z		
Power cables Red & Black	Minimum cross sectional area of conductor: 1.2 mm ² Maximum length: 1.5 m	Z		

3 Revision History

Rev.	Date	Changes / Comments
A	2005-05-17	Initial release