Equipment List, Mechanical

Applicable for C702, C702a & C702c

Contents

1 General

This document describes the minimum required equipments for the Mechanical Repair Process of the C702, C702a, C702c 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

Description	Part Number	Comments	Flash Upgrade	Manual Test	Repair
USB cable DCU-65	RPM 13112R1	Used for SonyEricsson programming interface cable - SEPI	X		
Torque Screwdriver *	NTZ 112 459	Torque set to 18 Ncm +/- 0,2 Ncm Torque set to 8 Ncm +/- 0,2 Ncm			X
Bits/Torx/T6	NTZ 112 288	Spare part to screwdriver			X
JCIS No. 0 Screw Bit	NTZ1121052	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 112 533	Dummy battery	Z		
MEGA Pixel Camera Tool	1206-7115	Camera removal tool			X
256MB Memory Stick Micro(M2)	KDR 109 171/256	This item is needed to test the applicable product's memory slot.		X	
Plectrum Tool	NTZ 112 590	Guitar Pick			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.

KDR 109 171/256	1206-7115	RPM 13112R1	*NTZ 112 459*
NTZ 112 288	*NTZ 112 1052*	*NTZ 112 302/2*	*NTZ 112 521*
NTZ 112 533	*NTZ 112 590*		

3.3   Equipment Provided by Other Suppliers

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

Description	Comments	Flash Upgrade	Manual Test	Repair
Battery	BKB 193 192/1	X	X	
-Battery Charger	Standard SonyEricsson charger applicable for C702a, C702c		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
Nylon Pointer	To be used when loosing hooks.			X
Isopropyl Alcohol	To be used when removing glue.			X
Cotton Gloves	ESD-safe			X

Description	Comments	Flash Upgrade	Manual Test	Repair
Zebra Printer	**Current Model Options:** • **110XiIIIPlus** or **Z4Mplus** These models use a DB9 Male-DB9 Female Null Modem **Discontinued Model Options:** *NOTE – The following models may also be used, but Zebra has discontinued selling them.* • 90xi Series • Z4M • Z4000 deluxe These models use a DB25 Male-DB9 Female Null Modem			Z
Null Modem Cable	This cable connects the Zebra printer to the computer. Two companies that carry this type of cable are CDW (www.cdw.com) and QVS (www.qvs.com). Part numbers for the **DB9 Male-DB9 Female version:** **CDW – 361875** (6 Feet Long) Part numbers for the **DB25 Male-DB9 Female version:** **CDW** – **375939** (6 Feet Long) **QVS** – **CC314-06** (6 Feet Long) **QVS** – **CC314-10** (10 Feet Long)			Z
Hot Air Flow Repair Station, Medium.	To be used when removing phone label (if needed)			Z
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 C702		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

Description	Comments	Flash Upgrade	Manual Test	Repair
Ionized Air Gun or blower	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 cabels Red & Black	Minimum cross sectional area of conductor: 1.2 mm² Maximum length: 1.5 m	Z		
ESD wristband				Z
ESD Gloves				Z

*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

4 Revision History

Rev.	Date	Changes / Comments
1	2008-05-22	Initial release