



# Equipment List, SP/Mechanical

Applicable for T630/T628

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# 1 Abstract

This document describes all the required equipment for the Mechanical Repair Process of the T630/T628 mobile phone. 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.

Manual test:             Equipment necessary to perform a manual test.

Repair:                    Equipment necessary for replacing components.

## 2 Repair Equipment, SP/Mechanical

### 2.1 Sony Ericsson Provided Repair Equipment

Description	Part Number	Comments	Flash Upgrade	Manual Test	Repair
Torque Screwdriver *	NTZ 112 459	Torque set to 20 Ncm +/- 6%			X
- Torx Bits No. 6	NTZ 112 288	Spare part to screwdriver			X
USB Service Card Reader	LZY 213 1191	Software Package/CD+USB Reader	X		
Service Card	LZY 213 595		X		
Hard lock	KRY 105 165		X		
Programming Interface, 3V	NTZ 112 334		Z		
SonyEricsson programming interface - SEPI	LTN 214 1484	Interface Box + CD	X		
SonyEricsson interface cable - SEPI	KRY 101 1115	USB Cable 3V/Accessories	X		
Camera gasket assembly tool	NTZ 112 507	Camera gasket assembly tool			X
Antenna cover opener	NTZ 112 520	Antenna cover opener			X
Flex film assembly tool	NTZ 112 521	Flex film assembly tool			X
Front opening tool	NTZ 112 302	Front opening tool			X
Dummy battery cover	NTZ 112 530		Z		
Dummy Battery	NTZ 112 512		Z		

\* Any screwdriver that fulfil torque and bit demands can be used.

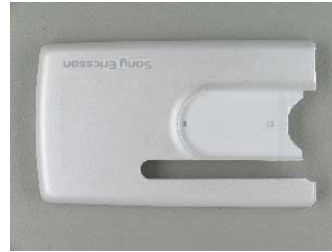
\*\*The matrices describe where the actual equipment is needed (marked with an X) or may be needed/optional (marked with a Z).



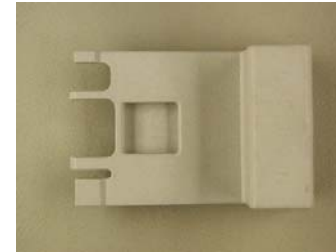
NTZ 112 288



NTZ 112 512



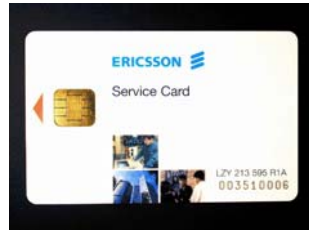
NTZ 112 530



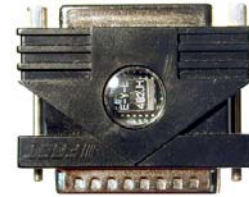
NTZ 112 520



LZY 213 1191



LZY 213 595



KRY 105 165



LTN 214 1484



NTZ 112 507



NTZ 112 521



NTZ 112 302



KRY 101 1115



NTZ 112 459



NTZ 112 334



## 2.2 Equipment Provided by Other Suppliers

Description	Comments	Flash Upgrade	Manual Test	Repair
Battery	BST-25, BKB 193 167/1	X	X	
- Battery Charger			X	
Tweezers	ESD-safe			X
Isopropyl Alcohol	To be used when removing glue.			X
Cotton Glove	ESD-safe			X
Computer	IBM compatible Pentium with at least two USB-ports	X		
RS 232 Serial cable	9-Pin	Z		
USB-PC Cable	Type A-B Plug-Plug Cable	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.	Temperature range 360-380° C. Air-flow up to 9 l/min			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 T630T/T628		X	
Air blow equipment**	To secure there is no dust left on the display when reassemble the phone.			X
Operator SIM card	To be used when making a call to a landline phone		X	

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

\*\* The best equipment to use is ionisation-blow equipment, but ordinary air blow equipment e.g. a hand driven air can or airbrush is allowed.



9-Pin RS 232 Serial cable



Type A-B Plug-Plug Cable

### 3 Revision History

Rev.	Date	Changes / Comments
A	2003-11-18	First release