



Trouble Shooting Guide, Electrical

Applicable for K320 and W200

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1 Abstract

The purpose of this document is to provide a sequence of repair actions associated with different failure modes. The repair actions are listed in order of their probability of creating a successful repair. The first action has the highest probability, and subsequent actions have lower probabilities. The intention is for the repair technician to implement the first repair action and then retest the phone. If the phone continues to fail the same test, then the technician should continue to the second repair action. If the phone continues to fail the same test after all of the repair actions are exhausted, then the phone will be considered not repairable at this level.

This document should be used only after the steps specified in the Mechanical Trouble Shooting Guide have been exhausted for the given problem area.

2 Repair Actions for Manual Test Failures

Test	Repair Action
Backup battery	1) C631
Capacity	1) D500
Charging	1) SYSTEM CONNECTOR
	2) V611
	3) V609
	4) V610
	5) Z701
Display	1) X800
Headset	1) SYSTEM CONNECTOR
	2) D501
	3) D500
Flashing	1) SYSTEM CONNECTOR
	2) Z701
Illumination, Keyboard	1) X900
	2) V1001 – V1006
	3) V1007, V1008



Illumination, Display	1) D802
	2) X800
	3) D500
Keyboard & Joystick	1) X900
	2) S900
	3) V901 V902 V903 V904 V905
Red LED	1) V613
Microphone	1) D500
On/Off	1) S901
	2) X601
	3) G400
	4) D500
Real Time Clock	1) G400
SIM	1) X600
	2) D500
Network	1) X1
	2) N1
	3) D500
Speaker	1) N500
	2) D500
Receiver	1) D500
IrDa	1) D400
Camera	1) D800
	2) S900
Memory stick connector	1) X300
FM-Radio	
FM RADIO RDS WL-CSP 25	1) D101



3 Revision History

Rev.	Date	Changes / Comments
A	2006-10-10	First release
B	2007-03-22	W200 phone added
C	2007-04-18	Flashing and charging updated with new component
D	2007-09-18	New component added to joystick
E	2007-10-15	D500 added to on/off