



Asus P320 Service Manual

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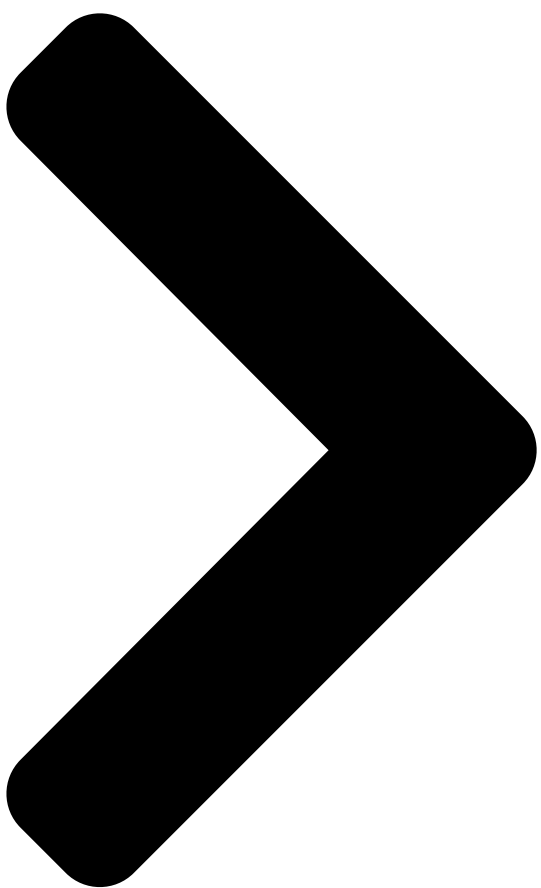
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TSD ■ Service Manual

ASUS P320

Service Manual (L1&L2)

1
V1.0



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User manual (159 pages)

[Cell Phone Asus P320 Troubleshooting Manual](#)

(36 pages)

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Pda phone rom update procedure (3 pages)

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Summary of Contents for Asus P320

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[Page 3: Equipment Need](#)

TSD ■ Service Manual 1 Equipment Need NO# Equipment ASUS Part# Supplier Quantity
Remarks Description Computer None None SIM Card None None P320 80A-S5N1000 ASUS
Battery 07G016063459 ASUS download 14G000506200 ASUS cable Screwdriver 16-T00362002
ASUS (T5) Tweezers 16-000600014 ASUS Plastic...

[Page 4: Introduction](#)

Using this service manual and the suggestions contained in it assures proper installation, operation, and maintenance of the PDA P320. This manual aids service personnel in testing and repairing P320. Service personnel should be familiar with electronic assembly, testing, and troubleshooting methods.

[Page 5: Product Specification](#)

TSD ■ Service Manual 2.3 Product Specification V1.0...

[Page 6: Disassembly / Assembly Procedure](#)

3 Disassembly / Assembly Procedure 3.1 Introduction This section describes how to disassemble PDA P320. Many of the integrated devices used in this phone are vulnerable to damage. Ensure adequate static protection is in place when handling, shipping, and servicing any internal components.

[Page 7: Disassembly Procedure](#)

TSD ■ Service Manual 3.1.2 Disassembly Procedure The following set of diagrams will demonstrate the correct sequence and action to disassemble P320. □ Step 1 Take the stylus away from the PDA. □ Step 2 Remove the battery cover and take the battery away.

[Page 8](#) TSD ■ Service Manual □ Step 4 Unscrew and remove 5 screws on PDA by screw driver. □ Step 5 Pry the top side and the left side of the top case assy and then separate the top case from the PDA. V1.0...

[Page 9](#) TSD ■ Service Manual □ Step 6 Remove the Micro SD cover and the keypad. □ Step 7 Remove the receiver by a pair of tweezers. V1.0...

[Page 10](#) TSD ■ Service Manual □ Step 8 Release the main board from the hook on bottom case first. Then separate the main board from the bottom case assy. Please pay attention to the GPS CON. Do not crush it when disassembling. □...

[Page 11](#) TSD ■ Service Manual □ Step11 Tear off the keypad CONN mylar and open the keypad connector. Then release the keypad FPC by a pair of tweezers. Tear off the Keypad-VER CAREER from the keypad frame. □ Step12 Release the keypad frame from its hook. Then pry the right side and separate it from the main board.

[Page 12](#) TSD ■ Service Manual □ Step13 Tear off the LCD Conn mylar and open the FPC connector. Then release the touch screen FPC by a pair of tweezers. Separate the touch screen from the main board. □ Step 14 Remove the reset rubber in bottom case. V1.0...

[Page 13](#) TSD ■ Service Manual □ Step15 Remove the Hold key, shuttle key, side key and power key from the bottom case. □ Step16 Remove the speaker. V1.0...

[Page 14](#) TSD ■ Service Manual □ Step17 Release the antenna FPC from the bottom case and pull it out. Then tear off the antenna FPC from the bottom case. V1.0...

[Page 15: Assembly Procedure](#)

TSD ■ Service Manual 3.1.3 Assembly Procedure It is carried out in the exact reverse sequence as the disassembly. □ Step 1 Paste the antenna FCP on bottom case assy and arrange it well. □ Step 2 Install the speaker on bottom case assy. V1.0...

[Page 16](#) TSD ■ Service Manual □ Step 3 Install the four keys on bottom case: power key, side key, shuttle key and the hold key. □ Step 4 Place the reset rubber in bottom case. V1.0...

[Page 17](#) TSD ■ Service Manual □ Step 5 Assemble the touch screen with the main board. Connect the FPC and close its connector. Then paste 1 LCD Conn mylar. □ Step 6 Assemble the keypad frame and press to fix it into the hooks. V1.0...

[Page 18](#) TSD ■ Service Manual □ Step 7 Paste the Keypad-VER CAREER and connect its FPC with the main board. Close its connector and fix the keypad CONN mylar. □ Step 8 Install the MIC rubber. V1.0...

[Page 19](#) TSD ■ Service Manual □ Step 9 Install the camera and fix its connector. □ Step 10 Install the main board and arrange it in the bottom case. Please switch the Hold key to the right place on main board and bottom case at first. Press the main board into the hook in bottom case.

[Page 20](#) TSD ■ Service Manual □ Step 11 Install the receiver by a pair of tweezers. □ Step 12 Assemble the keypad and Micro SD cover on top case. □ Step 13 Install the top case and press four sides to fix it. V1.0...

[Page 21](#) TSD ■ Service Manual □ Step 14 Secure 5 screws on bottom case assy. □ Step 15 Install the antenna cover and press to fix it. □ Step 16 Place the battery back and install the battery cover. V1.0...

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[Page 23: Exploded Diagram](#)

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[Page 24: Mmi Testing](#)

TSD ■ Service Manual 4 MMI Testing 1. Download & Copy files to micro SD card. 2. Insert micro SD card. V1.0...

[Page 25](#) TSD ■ Service Manual 3. Please follow instructions as displayed. 3-1. Touch Panel Calibration Test V1.0...

[Page 26: Audio Test](#)

TSD ■ Service Manual 3-2. Audio Test In this test, item 1 & 2 need to be done with the headphone, otherwise, just bypass. V1.0...

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[Page 29: Keypad Test](#)

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[Page 32: Led Test](#)

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