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You can read the recommendations in the user guide, the technical guide or the installation guide for COMPAQ PRESARIO 1200. You'll find the answers to all your questions on the COMPAQ PRESARIO 1200 in the user manual (information, specifications, safety advice, size, accessories, etc.). Detailed instructions for use are in the User's Guide.

User manual COMPAQ PRESARIO 1200
User guide COMPAQ PRESARIO 1200
Operating instructions COMPAQ PRESARIO 1200
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maintenance & service guide

Presario 1200 Series

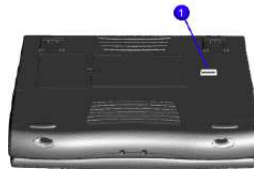
Models: XL101-XL113, XL115, XL118-XL127

Removal Sequence

This section explains the removal and replacement procedures for the 1200XL unit.

Serial Number Location

Report the unit's serial number **1** to Compaq when requesting information or ordering spare parts. The serial number is located underneath the notebook as shown below.



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PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES

REMOVAL SEQUENCE 1



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Manual abstract:

Serial Number Location Report the unit's serial number 1 to Compaq when requesting information or ordering spare parts. The serial number is located underneath the notebook as shown below. **PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES REMOVAL SEQUENCE 1** Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 Electrostatic Discharge A sudden discharge of static electricity from a finger or other conductor can destroy static-sensitive devices or microcircuitry. Often the spark is neither felt nor heard, but damage occurs. An electronic device exposed to electrostatic discharge (ESD) may not seem to be affected at all and works perfectly throughout a normal cycle. Although it may function normally for a while, it may be degraded in the internal layers, reducing its life expectancy. Networks built into many integrated circuits provide some protection, but in many cases, the discharge contains enough power to alter device parameters or melt silicon junctions. @@@@161946-001) Torx T-9 screwdriver 3/16-in. and 5mm nut drivers (for screwlocks and standoffs) Small, standard screwdriver Small, Phillips screwdriver Diagnostics software Screws The screws used in the Notebook are not interchangeable. If an incorrect screw is used during the reassembly process, it can damage the unit.

Compaq strongly recommends that all screws removed during disassembly be kept with the part that was removed, and then returned to their proper locations. Important: As each subassembly is removed from the Notebook, place it away from the work area to prevent damage. **PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES REMOVAL SEQUENCE 3** Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 Cables and Connectors Cables must be handled with extreme care to avoid damage. @@Handle cables by the connector whenever possible. @@Most cables used throughout the unit are ribbon cables.

@@Avoid bending, twisting, or pulling on the cables. Apply minimum required force when seating or unseating the cables from their connectors. Place the cables in such a manner that they cannot be caught or snagged by parts being removed or replaced. @@@@When handling these plastic parts, use care. @@Handle only the connector slide when removing or replacing a cable.

@@@@@Improper cable placement can damage the computer. **PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES REMOVAL SEQUENCE 7** Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 Speaker Assembly Cable The cable position for the speaker assembly is shown below. The cable is routed under the battery charger board and under the edge of the system board. CAUTION: When servicing this notebook, ensure that cables are placed in their proper location during the reassembly process. Improper cable placement can damage the notebook. 8 **REMOVAL SEQUENCE PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES** Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 Hard Drive Ribbon Cable The ribbon cable position for the hard drive is shown below. CAUTION: When servicing this computer, ensure that cables are placed in their proper location during the reassembly process. Improper cable placement can damage the computer. **PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES REMOVAL SEQUENCE 9** Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 Preparing the Notebook for Disassembly Before beginning Removal & Replacement Procedures, complete the following steps: 1. Disconnect AC power and any external devices.

2. Remove the battery pack (pg 11). 3. Remove any PC Cards. Important: The battery pack should be removed before performing any internal maintenance on the Notebook. CAUTION: Metal objects can damage the battery pack as well as the battery contacts in the battery compartment. To prevent damage, do not allow metal objects to touch the battery contacts. Place only the battery pack for the Compaq Presario 1200XL Series Portable Notebooks into the battery compartment. Do not force the battery pack into the bay if insertion is difficult. CAUTION: Do not crush, puncture, or incinerate the battery pack. Do not open a battery pack; this action damages the pack, makes it unusable, and exposes potentially harmful battery components. No field-serviceable parts are located inside the battery pack. Note: Compaq Presario 1200XL Series Portable Notebooks have several screws of various sizes that are not interchangeable. Care must be taken during reassembly to ensure that the correct screws are used in their correct location.

@@@@@Prepare the computer for disassembly (pg 10).

2. Close the display and turn the computer upside down. 3. Turn the Notebook over (right side up). 5.

Pull the display release latches to open the display. 6. 7. Prepare the computer for disassembly (pg 10). 2. Remove the palmrest cover with TouchPad (pg 13). 3. Remove the heatspreader (pg 17). Prepare the computer for disassembly (pg 10). 2.

Remove the Palmrest Cover with TouchPad (pg 13). 3. Disconnect the CD/DVD drive cable from the CD or DVD drive. 10. Prepare the Notebook for disassembly (pg 10). 2. Remove the palmrest cover with TouchPad (pg 13). 3. Remove the hard drive (pg 19). 4.

Prepare the computer for disassembly (pg 10). 2. Remove the palmrest cover with TouchPad (pg 13). 3. Remove the keyboard (pg 15).

4. Remove the heatspreader (pg 17). 5. It is necessary to remove only the parts listed in the written procedure. To remove the display panel assembly, complete the following steps: 1.

Prepare the computer for disassembly (pg 10). 2. Remove the palmrest cover with TouchPad (pg 13). 3. Remove the keyboard (pg 15). 4. Remove the heatspreader (pg 17). 5. Disconnect the backlight cable attached to the display panel assembly from the connector on the system board. Continued on next page.

PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES REMOVAL SEQUENCE 27 Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 6. For units with Thin Film Transistor (TFT) displays, disconnect the display data cable from the LVDS connector as shown in 1 and 2 below. For units with HighPerformance Addressing (HPA) displays, disconnect the display data cable from the CMOS connector as shown in 3 below. Continued on the next page. 28 **REMOVAL SEQUENCE PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES** Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 7. If the display data cable has the LVDS connector on the end as shown below, remove the connector by 1 grasping the edges of the connector and 2 gently pulling out the cable. CAUTION: For TFT displays, the connector on the end of the flex cable must be removed before the cable can be routed through the slot on the upper CPU cover. 10. Gently pull the flex data cable and backlight cable attached to the display panel through the slot on the upper CPU cover and lift the display panel off of the unit.



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Important: When removing the display panel assembly, take note of the correct routing slot, lift up the front side of the system board, and pull forward to remove the system board from the chassis.

To replace the system board, reverse these procedures. Important: When replacing the system board, remove the memory module and all cables from the system board. See also Verifying Dip Switch Settings. PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES REMOVAL SEQUENCE 39 Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 Verifying Dip Switch Settings CAUTION: If the system board dip switch voltage settings are not correct, damage may occur to the Notebook and/or system board. Ensure that the dip switch settings for Switch 1 and Switch 2 are as illustrated below.

Note: Black portions of the switch diagrams above indicate the position of the switch. 40 REMOVAL SEQUENCE PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 Removing the Memory Module To remove the memory module, complete the following steps: 1. Prepare the Notebook for disassembly (. 2. Close the display and turn the Notebook over (upside down). 3. Remove the screw from the memory module door and lift the door off the unit. 4. Pull the side levers to release the memory module and unplug the memory module from the system board. To replace the memory module, reverse these procedures. PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES REMOVAL SEQUENCE 41 Presario 1200 Series Models: XL101-XL113, XL115, XL118-XL127 42 REMOVAL SEQUENCE PRESARIO NOTEBOOK MAINTENANCE AND SERVICE GUIDE 1200XL SERIES .



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