Dell™ Latitude™ C600/C500 Series Service Manual

Notes, Notices, and Cautions

NOTE: A NOTE indicates important information that helps you make better use of your computer.

NOTICE: A NOTICE indicates either potential damage to hardware or loss of data and tells you how to avoid the problem.

Before You Begin

Dell™ Latitude™ C600/C500 Series Service Manual

- **Preparing to Work Inside the Computer**
- **Recommended Tools**
- **Screw Identification**

Preparing to Work Inside the Computer

➡ **NOTICE:** Only a certified service technician should perform repairs on your system. Damage due to servicing that is not authorized by Dell is not covered by your warranty.

➡ **NOTICE:** To avoid damaging the computer, perform the following steps before you begin working inside the computer.

1. Make sure that the work surface is clean to prevent scratching the computer cover.

2. Save any work in progress and close all open application programs.

3. Turn off the computer and all attached devices.

✎ **NOTE:** Make sure the computer is turned off and not in suspend-to-disk or hibernate mode. If you cannot shut down the computer using the computer's operating system, press and hold the power button for 4 seconds.

4. Make sure the computer is undocked.

5. Disconnect the computer from the electrical outlet.

6. To avoid possible damage to the system board, wait 10 to 20 seconds and then disconnect any attached devices.

7. Disconnect all other external cables from the computer.

8. Remove any installed PC Cards or plastic blanks from the PC Card slot.

9. Close the display and turn the computer upside down on a flat work surface.

➡ **NOTICE:** To avoid damaging the system board, you must remove the main battery and secondary battery (if present) before you service the computer.
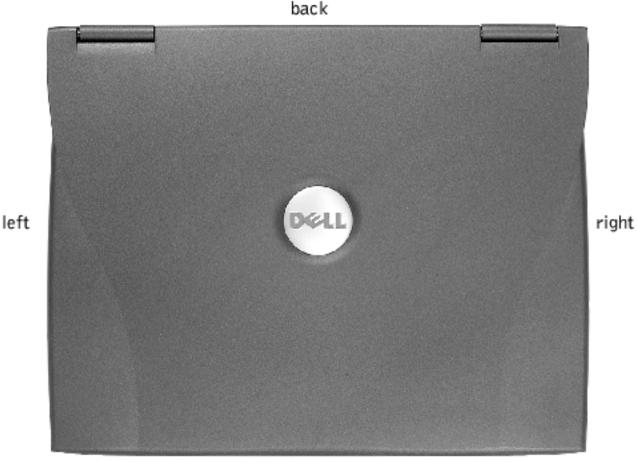
10. Remove the primary battery from the battery bay and the secondary battery from the modular bay, if a secondary battery is in use.

11. Remove any installed device in the modular bay.

12. To dissipate any static electricity while you work, use a wrist grounding strap or periodically touch an unpainted metal surface.

13. Handle components and cards with care. Do not touch the components or contacts on a card. Hold a card by it edges or by its metal mounting bracket. Hold a component such as a microprocessor by its edges, not by its pins.

Recommended Tools

The procedures in this manual require the following tools:

- #1 magnetized Phillips screwdriver

- Small flat-blade screwdriver

- Small plastic scribe

- Microprocessor extractor

- Flash BIOS update program diskette or CD (required only when upgrading the microprocessor or replacing the reserve battery)

System Orientation

back

left

right

front

Screw Identification

When you are removing and replacing components, photocopy the placemat as a tool to lay out and keep track of the component screws. The placemat provides the number of screws and the sizes.

Screw Identification

M2.5 x 12 mm	*M3 x 5 mm*	*M3 x 3 mm*	*M2.5 x 5 mm*	*M2 x 4 mm*	*M2 x 3 mm*