

X-C 6000/X-C 6250 Computer

Preventative Maintenance

This document describes several easy things you can do to help keep the X-C 6250 or X-C 6000 computer operating at peak performance and to keep its appearance like new.

Physical Inspection

Periodically inspect the computer and accessories for wear, damage, or loose or missing parts. Identifying and correcting potential problems early can help reduce the need to return the unit for service.

Outside Case

Like all tools, the outside of the computer will get dirty with use. The case is made of powder-coated magnesium with santoprene bumpers and polycarbonate blend (plastic) doors and covers. These areas can be cleaned with a solution of one part Formula 409[®] and one part water. Follow the procedure below.

To clean the outside case

- 1 Disconnect external power and turn off the computer.
- 2 Remove the battery.
- 3 Using a soft, dry cloth (do not use paper products because they can scratch the surface), add a small amount of cleaning solution to the cloth and clean the computer case and bumpers.
- 4 Wipe off any excess liquid with a soft cloth.
- 5 Reinstall the battery.

Display

Periodically inspect the display to make sure the contrast and brightness functions are operating properly and that all pixels are operational.

To clean the display assembly, use the same cleaning solution and procedure described above for the outside case. In some cases, you can use a small amount of isopropyl alcohol to remove streaks or smears. Use a soft, clean cloth to clean the display. Do not use paper products because they can scratch the screen.

External Power Connector

The external power connector may sometimes be exposed to moisture and/or contamination causing an unreliable connection to the external power source.

Clean the connector using a cotton swab dipped in isopropyl alcohol.

RJ-11 Connector

Make sure this connector is operating properly. During normal use, the connector pins can get dirty or become broken, bent, or pushed out of place. Clean the connector with a cotton swab dipped in isopropyl alcohol.

If the connector needs to be replaced, this can be done without returning the unit for service. Contact your local support person for more information.

Keyboard

Check all keys to make sure they are working properly. To clean the keyboard, use the same cleaning solution and procedure described above for the outside case.

If keyboard problems persist, the keyboard might need to be replaced. This can be done without returning the unit for service. Contact your local support person for more information.

I/O Ports

Make sure the serial and parallel ports are operating properly. Periodically inspect the ports for damage or contamination, and make sure the cover is attached to the computer. The I/O cover can be replaced without returning the unit for service. Contact your local support person for more information.

PC Door and Connector

Make sure this door is closed and latched properly. When the PC Card door is closed, it provides a water-tight seal for the PC Card slot. This door can be replaced without returning the unit for service. Contact your local support person for more information.

Make sure the PC Card connector is operating properly by reading from or writing to a PC Card.

Battery and Battery Well

The battery well is not sealed, so it is possible for moisture to enter this area. If this happens, remove the battery and use a clean, dry cloth to wipe away any moisture from the battery well. Also remove any moisture from the battery and battery connectors. The connectors may corrode if they are exposed to moisture for extended periods. Corrosion can be removed with a cotton swab dipped in isopropyl alcohol.

Cradle Contacts

The cradle contacts on the bottom of the computer may get dirty with daily use. Pins can be cleaned with a cotton swab dipped in isopropyl alcohol.

