
NEC Versa[®] LX and LXi

Hard Disk Drive Upgrade Kit

 **CAUTION** NEVER boot the system with the CD (supplied with this kit) when the original hard disk drive is installed in the internal bay because it will **permanently destroy the data on the original hard disk drive**. ONLY boot the system with the CD when the new hard disk drive is installed in the internal bay.

Congratulations on purchasing the NEC Versa Hard Disk Drive Upgrade Kit. The upgrade kit is designed to support the NEC Versa LX and LXi systems with user-removable hard disk drives.

Note (NEC Versa LX systems only.) For hard disks, 12-GB or larger, the restore process creates two partitions, not a single partition as shipped from the factory. If you want to create a single partition for your hard disk drive, you should run the Partition Magic software (version 4.1 or higher) after the restore process completes. Partition Magic can either be downloaded from a URL address provided by NECC Customer Support, or installed from the Application and Driver CD that ships with your system (not available on all CDs). See the document, *Restoring a 12-GB or Larger Hard Disk Drive*, which shipped with your hard disk, for detailed instructions on using the Product Recovery CD and/or creating a single partition with Partition Magic.

In addition to introducing the hard disk drive upgrade kit contents, this sheet describes the following.

- Instructions for identifying your system's user-replaceable hard disk drive (for NEC Versa LX only).
- Instructions on removing the internal hard disk drive.
- Instructions on removing the hard disk drive from the cradle pack.
- Instructions on installing the new drive in the drive bay.
- Instructions on installing the system's original drive into the cradle pack.
- Instructions for copying the contents of your original hard disk drive to your new hard disk drive.
- Instructions for verifying the data transfer.

To be sure that you own a unit with a user-replaceable hard disk drive (for NEC Versa LX only), check the following.

- Turn your system over. Note the label on the back of the unit, which contains the Doc ID (model name), Model Number, and NEC Serial Number for the unit.
- Look at the 14-alphanumeric characters in the model number. A unit with a user-replaceable hard disk drive has the letter "A" in the next to last position of the model number. An example of a model number for a unit with a user-replaceable hard disk drive is VL210010-0000A0.

NEC Versa Hard Disk Drive Upgrade Kit Contents



A – Cradle, hard disk drive, and screw (attached as a unit)

B – Phillips-head 1x60 screwdriver

- Cradle Pack — the cradle with the hard disk drive installed is inserted into the system's VersaBay III.
- Phillips-head 1x60 Screwdriver — used to remove the screw.
- CD — (not shown) provides the utility used to copy the original disk drive contents to the new drive.

Upgrade Precaution

Before attempting to copy the contents of the original hard disk drive to your new hard disk drive, *make sure you remove your original hard disk drive and install the new, larger capacity hard disk drive from the cradle pack into the internal drive bay.*

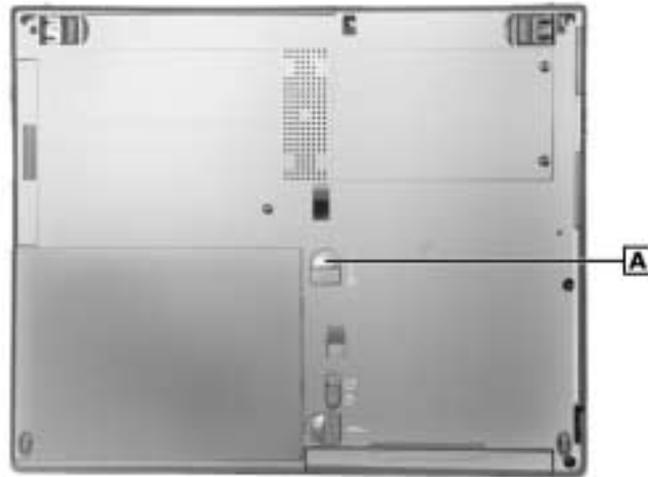
Removing the Internal Hard Disk Drive

The hard disk drive is located under the battery bay in your NEC Versa notebook computer. You must remove the system's main battery before removing the hard disk drive. Remove the hard disk drive as follows.

1. Make sure the system is powered off and the AC adapter is disconnected.
2. Close the LCD and turn the system over.

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- Slide the battery release latch toward the back of the system and hold firmly.

Locating the latch



A — Battery Release Latch

- Continue to hold the battery release latch as you slide the battery out of the system.

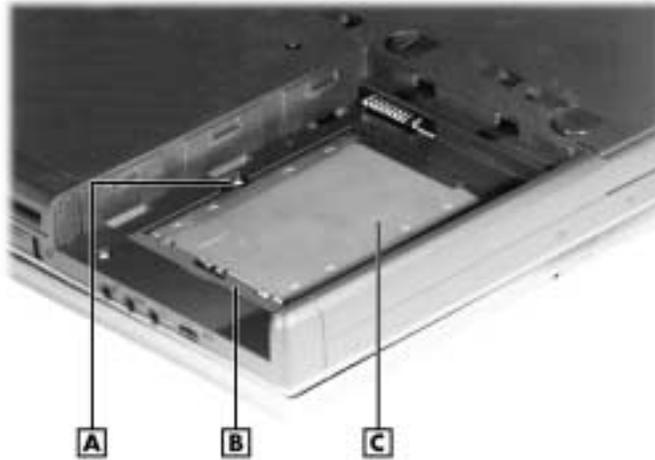
Removing the battery



5. Remove the disk drive as follows:

- Remove the screw that secures the hard disk drive.
- Place your finger in the center notch of the hard drive lever and pull the lever up. Be sure that both sides of the lever are raised.

Hard disk drive in the drive bay



A – Screw B – Hard Disk Drive Lever C – Hard Disk Drive

- With the lever raised, place your fingers on the inside edge of the lever and on each side of the center notch. Pull the drive toward the open side of the battery bay. Do not apply pressure to the drive surface as you pull.

⚠ CAUTION Use care when handling the hard disk drive. Hold it from the sides; do not squeeze the drive by the top and bottom.

Disconnecting the drive



- Once the drive is disconnected, use the lever to lift the drive out of the system. Once removed, only handle the drive by its sides.

⚠ CAUTION Use care when handling the hard disk drive. Hold it from the sides; do not squeeze the drive by the top and bottom. Do not push on the top and bottom of the drive.

To eliminate static discharge, touch a grounded metal object while handling the hard disk drive.

Lifting the drive out of the bay



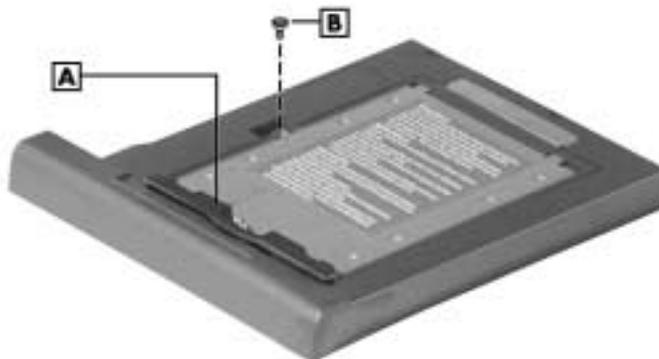
Note Using a small sticker, label the original drive to avoid confusion later. Place the sticker on the same side as the caution label and mark the drive “original.”

Removing the Drive in the Cradle Pack

Use the following procedure to remove the hard disk drive from the cradle pack.

1. Place the cradle pack with the securing screw facing up.
2. Remove the securing screw. Place your finger in the center notch of the hard drive lever and pull up the lever. Be sure that both sides of the lever are raised.

Removing the drive



A — Hard Disk Drive Lever B — Screw

3. With the lever raised, place your fingers on the inside edge of the lever and on each side of the center notch. Pull the drive away from the drive connector. Lift the drive out of the cradle.

Installing the New Drive in the Drive Bay

Use the following steps to install the hard disk drive in the system's drive bay.

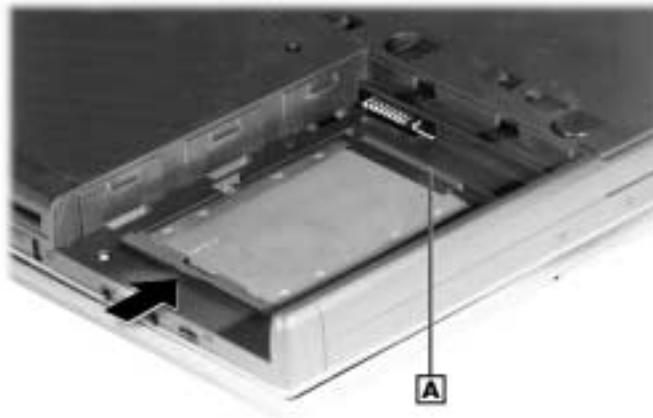
1. Holding the drive by its sides, pull up the hard drive lever.
Keeping the lever raised, lower the new drive into the drive bay.

Lowering the drive into the bay



2. Align the drive connector with the connector in the drive bay.
3. Pressing against the outer edge of the lever, slide the drive toward the connectors and push firmly to secure the connection. Do not apply pressure to the drive surface as you push.

Connecting the drive

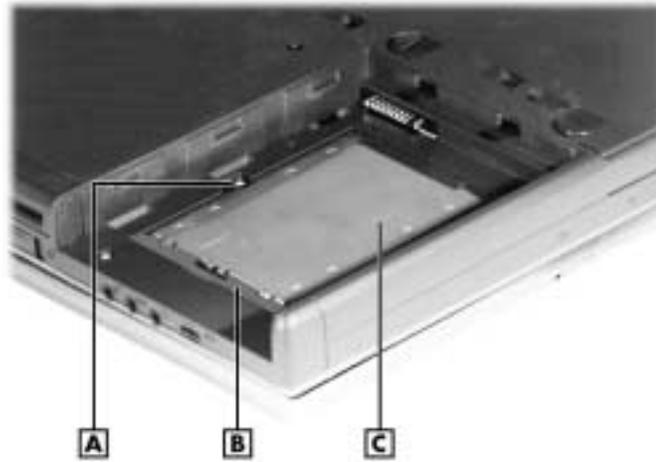


A – Drive Connectors

4. Press down on both sides of the drive lever to lock it into place.

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5. Replace the screw to secure the hard disk drive.

Securing the drive



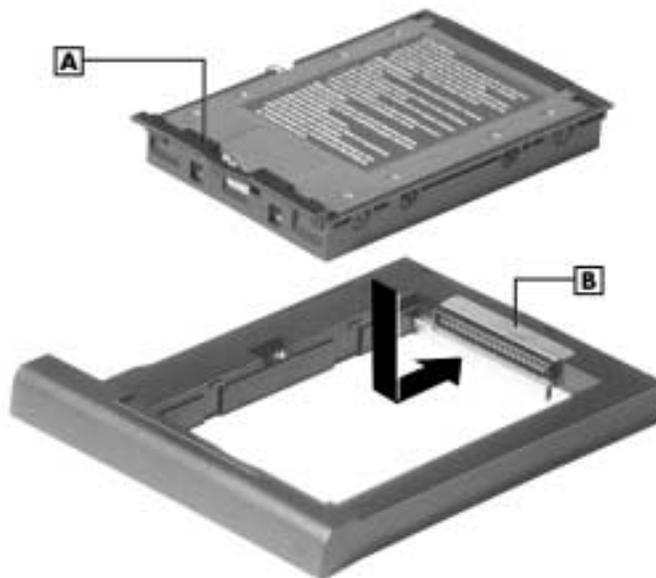
A – Screw B – Hard Disk Drive Lever C – Hard Disk Drive

Installing the Drive in the Cradle Pack

Use the following steps to install the *original* hard disk drive in the cradle pack.

1. Place the cradle pack with the securing screw hole facing up.
2. Position the drive with the securing tab on the top. Keep the lever raised and lower the hard disk drive into the cradle pack. Align the drive connector with the cradle pack connector.

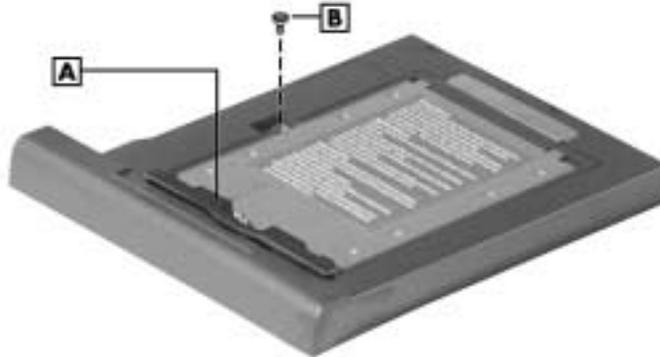
Lowering the drive into the cradle



A – Hard Disk Drive Lever B – Cradle Pack Connector

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- Slide the drive connector back into the cradle pack connector. Press down on both sides of the lever to lock the drive into place. Secure the drive to the cradle with the screw.

Securing the drive



A — Hard Disk Drive Lever B — Screw

- The cradle with the hard disk drive is ready to be inserted into the system's VersaBay III slot.

Launching the Copy Utility

Make sure that the CD-ROM drive and the new hard disk drive are installed in your NEC Versa notebook. Insert the NEC Hard Drive Upgrade Setup CD into the drive and power on the system. Use the following steps to run the Copy utility.

Note To confirm you have the hard disk drives in the correct locations, attempt to boot the system. If the system boots, the original hard disk drive is not in the cradle. *Do not use the Copy utility with the original drive in the system's internal drive bay.*

- When the system boots, a message appears stating that the internal drive contents will be lost. Press **R** to proceed. Press **Q** to quit.

Drive Image creates a small temporary partition on drive C where the data transfer files are copied.
- A message appears telling you to remove the CD from the drive, remove any diskettes, and power off the system. Once you power off the system, remove the CD-ROM drive and insert the VersaBay III cradle with the original disk drive installed into the system. Power on the system.
- The system boots and the PowerQuest DriveCopy main screen appears. Select "Entire Disk Copy." Verify that the source drive is Drive 2 and the destination drive is Drive 1. Select "Finish."
- A warning message appears telling you that the contents of drive 2, VersaBay III drive, replaces the contents of drive 1, internal drive. Click Yes.

The DriveCopy program copies the data to the new internal drive. The process takes approximately 10 to 30 minutes depending on the amount of data to be copied.

Verifying the Data Transfer

When the copy process completes, a dialog box appears asking if you want to see the results. Click Yes to see a graphical and text representation of the disk structure. Otherwise, select "Exit." At the prompt stating that the system needs to be rebooted, power off the system. Remove the VersaBay III cradle from the system. Power on the system. The system boots from the new internal hard disk drive and is ready for use.

Maintain the information on the disk drive as a backup copy until you are satisfied that the disk copy process is complete or the data becomes outdated.

Your original disk drive can be used as a second drive in the VersaBay III.

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