



Upgrading the Firmware for the D40

Macintosh

Thank you for choosing a Nikon product. This guide describes how to upgrade the camera firmware for the D40.

If you are not confident that you can perform the update successfully, the update can be performed by a Nikon service representative.

The D40 has two sets of firmware, A and B, which must be updated separately. After updating the A firmware, repeat steps 4–5, below, to upgrade the B firmware.

Important

The camera may be damaged if power is interrupted or camera controls are operated during the update. Do not turn the camera off, remove or disconnect the power source, or operate camera controls during the update. If the update is not completed successfully and the camera becomes inoperable, take the camera to a Nikon-authorized service representative for inspection.



Get ready

To upgrade the camera firmware, you will need:

- The camera

- A UC-E4 USB cable or a memory card reader

- One of the following power sources:

 - An EH-5/EH-5a AC adapter and EP-5 AC adapter connector

 - A fully-charged EN-EL9 rechargeable Li-ion battery

- A Nikon-approved memory card that has been formatted in the camera.

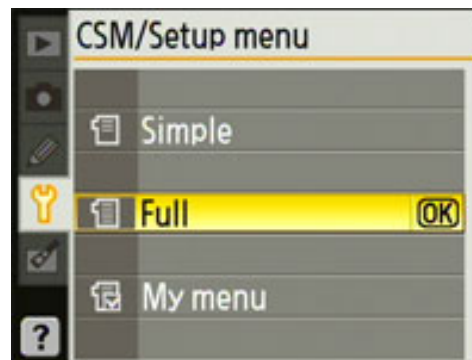
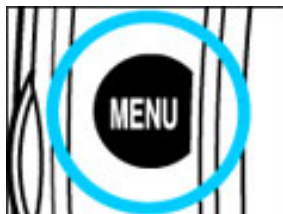
The camera ***Guide to Digital Photography***

2

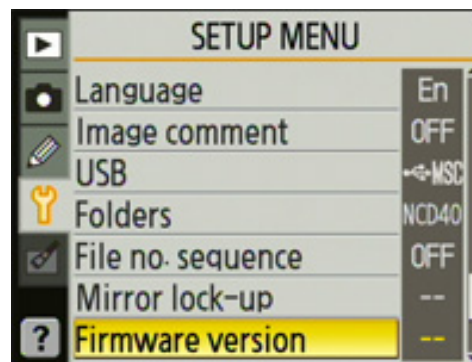
Check the current camera firmware version

1 Turn the camera on.

2 Press the **MENU** button and select **Full** for the **CSM/ Setup menu** option in the setup menu.



3 Select **Firmware version** in the setup menu.



4 Two firmware versions (A and B) will be displayed. Both should be earlier than 1.10.



5 Press **OK** and turn the camera off.

3

Download and extract the new firmware

Click the **I agree - Begin download** link on the download site to download the file "D40v111en.sit". This file will then be automatically extracted to create the folder "D40Update." If extraction is successful, the folder "D40Update" will contain the following files:

AD400111.bin	Camera A firmware
BD400111.bin	Camera B firmware



Mac OS X Version 10.4

Automatic extraction requires archive expansion software compatible with StuffIt Expander, available from Allume Systems, Inc. If the firmware update is not automatically extracted, install StuffIt Expander or other compatible archive expansion software and extract the update.

4

Copy the firmware to the memory card

The firmware can be copied to the camera memory card either by connecting the computer directly to the camera using the USB cable, or by removing the memory card from the camera and inserting it in a card reader.

Important

Only one of the two sets of firmware (A or B) can be updated at a time. Use separate memory cards for each set of firmware, or update one set as described below, then format the memory card and repeat the process for the second set.

Direct USB Connection

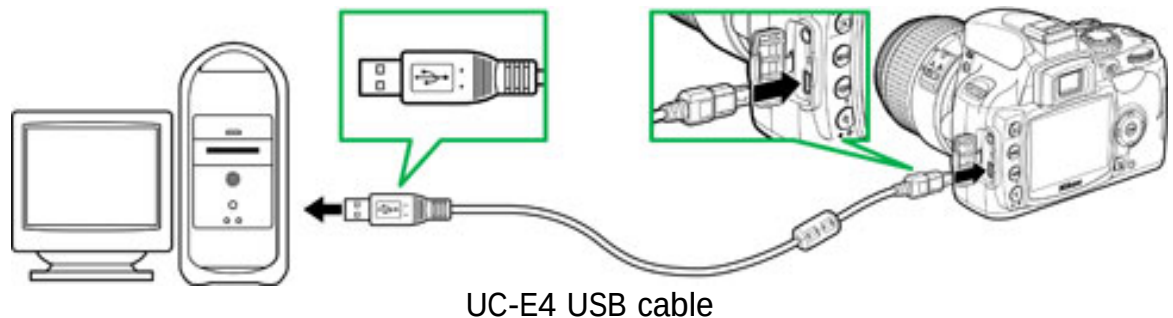
Note: Use the EH-5/EH-5a AC adapter and EP-5 AC adapter connector or a fully-charged EN-EL9 rechargeable Li-ion battery.

- 1** Turn the camera off and insert a formatted memory card.
For information on formatting memory cards, see the camera ***Guide to Digital Photography***.

- 2** After turning the camera on, press the **MENU** button, select the setup menu, and set the **USB** option to **Mass Storage**.



- 3** Turn the camera off and connect the USB cable as shown below.



- 4** Turn the camera on.
If Nikon Transfer is installed, it will start automatically; to exit, select **Quit Nikon Transfer** from the **Nikon Transfer** menu.
If PictureProject is installed, it will start automatically; click **Cancel** to exit.
- 5** Copy the firmware to the memory card.

- 5-1. Copy the firmware to the "NIKON D40" volume corresponding to the camera. When the camera is connected and turned on, the volume "NIKON D40" will appear on the desktop. Copy "AD400111.bin" (A firmware) or "BD400111.bin" (B firmware) from the "D40Update" folder to this volume.

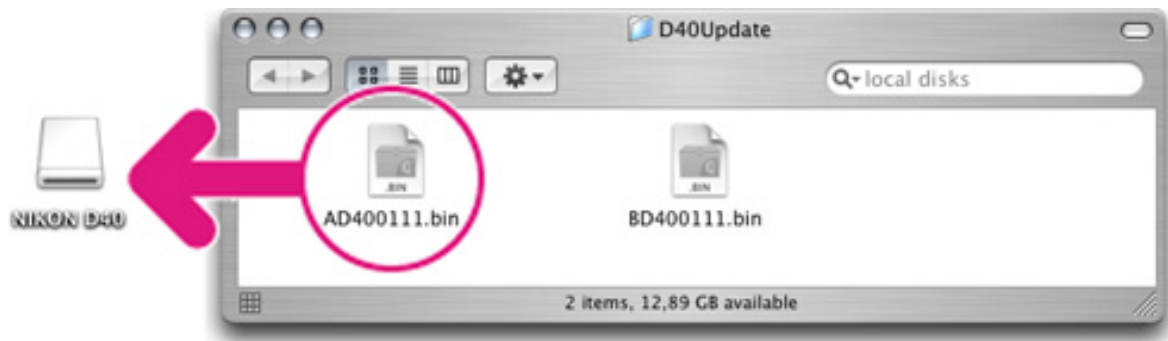


Illustration shows A firmware

- 5-2. When copying is complete, confirm that the "NIKON D40" volume contains the "AD400111.bin" (A firmware) or "BD400111.bin" (B firmware).

6 Disconnect the camera from the computer. For more information, see the *Guide to Digital Photography*.

Important

Be sure to copy the firmware to the root directory of the memory card. The camera will not recognize the new firmware if it is placed in a folder under the root directory.

Card Reader

- 1 Connect the card reader to the computer and insert a formatted memory card.
If Nikon Transfer is installed, it will start automatically; to exit, select **Quit Nikon Transfer** from the **Nikon Transfer** menu.
If PictureProject is installed, it will start automatically; click **Cancel** to exit.
- 2 A camera volume will appear on the desktop. Copy the "firmware" folder from the "Update" folder to this untitled volume as described in Step 5 of "Direct USB Connection."
- 3 Drag the camera volume into the Trash and remove the memory card from the card reader.

Important

Be sure to copy the firmware to the root directory of the memory card. The camera will not recognize the new firmware if it is placed in a folder under the root directory.

5

Update the camera firmware

During the update, do not:

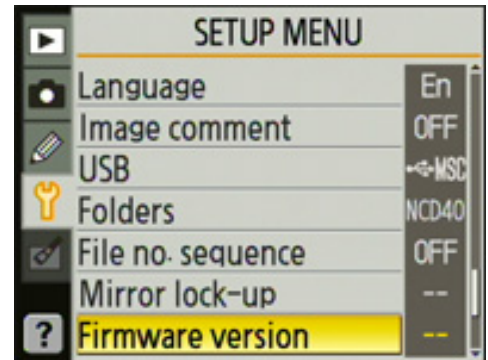
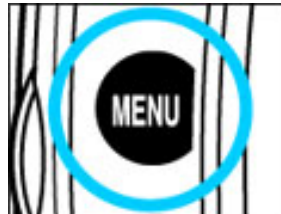
- Remove the memory card
- Turn the camera off
- Operate any of the camera controls
- Attach or remove lenses
- Unplug or disconnect the AC adapter
- Remove the battery
- Subject the camera to powerful electromagnetic noise

Any of the above actions could cause the camera to become inoperable.

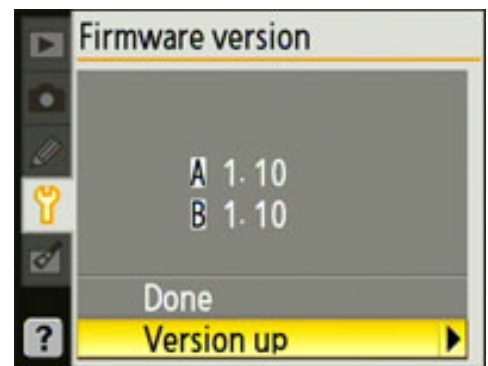
1 Insert the memory card containing the firmware into the camera.

2 Turn the camera on.

3 Press the **MENU** button and select **Firmware version** in the setup menu.

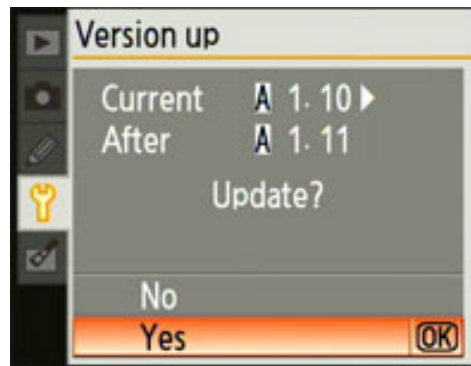


4 The current firmware version will be displayed. Highlight **Version up** and press the multi selector to the right.



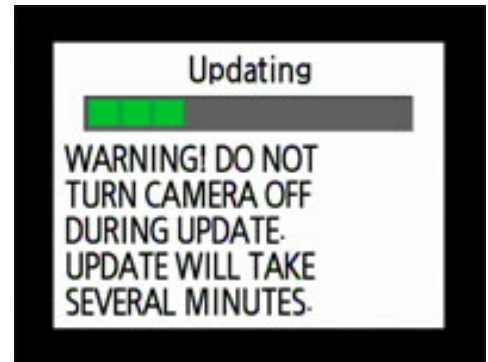
5 A firmware update dialog will be displayed. Highlight **Yes** and press **OK** to begin the update.

*Illustration shows dialog displayed when A firmware is updated. Follow the same steps to update B firmware.



6

The update may take anywhere from two to five minutes. Do not perform any operations while the messages shown at right are displayed.



The messages will clear from the display when the update is complete.



7

Once the messages have cleared from the display, confirm that the update was completed successfully.

7-1. Turn the camera off and remove the memory card.

7-2. Check the camera firmware version as described in **Step2, "Check the current camera firmware version."**

7-3. If the version displayed is 1.11, the update was successful.

*Illustration shows dialog displayed when updates for both A firmware and B firmware are completed.



8 **Format the memory card.**

After upgrading A firmware, return to Step 4 and upgrade B firmware.

9 If you changed the **USB** setting from **MTP/PTP** to **Mass Storage** to update the camera firmware, return to the **USB** menu and select **MTP/PTP**.

This completes the firmware update.