

Updating Firmware for NIKKOR F Lenses

– Mac –

Thank you for choosing a Nikon product. This guide describes how to update the firmware for NIKKOR F lenses. *If you are not confident that you can perform the update successfully, the update can be performed by a Nikon-authorized service representative.*

See the manuals provided with your Nikon products for information on use.

Important

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



Get ready

To perform the update, you will need:

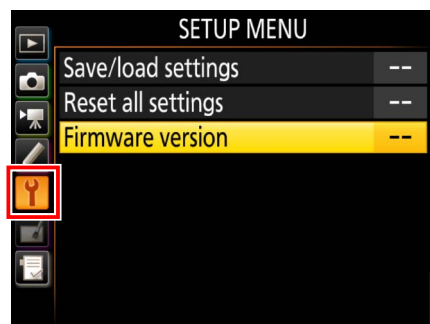
- The NIKKOR F lens
- A camera that can be used to update the lens firmware (a D500 is used in this guide for illustrative purposes)
- A computer equipped with a card reader or card slot
- One of the following camera power sources:
 - An AC adapter
 - A fully-charged battery
- A Nikon-approved memory card that has been formatted for use in the camera (note that all data on the memory card will be deleted when the card is formatted; before formatting the card, back up any data you wish to keep to a computer or other device)
- The manuals for the camera and lens

2

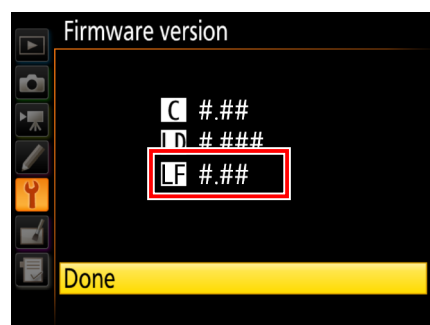
Check the current firmware version

The menus displayed on your camera may differ from those shown here.

- 1 Mount the lens on the camera as described in the camera manual.
- 2 Turn the camera on.
- 3 Press the camera **MENU** button to display the menus.
- 4 Select **Firmware version** in the setup menu.



- 5 The current lens firmware version will be displayed as "LF" followed by the firmware version number. Confirm that the firmware version is the correct version for this update.



"#.##" is the firmware version.

- 6 Exit to the setup menu and turn the camera off.

3

Download and extract the new firmware

After reading the end-user license agreement on the download site, select **Accept** and click **Download** to download the file “F-LFXXX-V####M.dmg”, where “XXX” is a string indicating the lens name and “####” is the firmware version. When download is complete, a disk image will appear on the desktop containing the file and folder listed below:

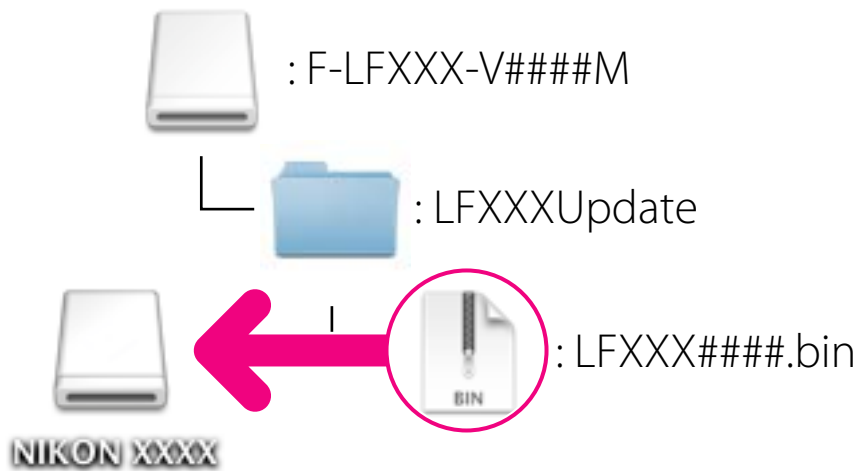


4

Copy the firmware to the memory card

The firmware can be copied to the camera memory card using a computer equipped with a card reader or card slot.

- 1 Insert a formatted memory card in the card reader or card slot. If an application such as Nikon Transfer 2 starts automatically, exit the application before proceeding.
- 2 A camera volume will appear on the desktop. Copy the "LFXXX####.bin" file from the "LFXXXUpdate" folder to this volume.



When copying is complete, confirm that the memory card contains the file "LFXXX####.bin".

Important

Be sure to copy the "LFXXX####.bin" file 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.

- 3 Drag the camera volume into the Trash and remove the memory card from the card reader or card slot.

5

Update the firmware

The menus displayed on your camera may differ from those shown here. Before updating the firmware for NIKKOR F lenses with built-in teleconverters, select the 1× focal length setting.

During the update, do not:

- Remove the memory card
- Turn the camera off
- Operate camera or lens controls
- Remove the lens
- Unplug or disconnect the AC adapter
- Remove batteries
- Subject the camera to powerful electromagnetic noise

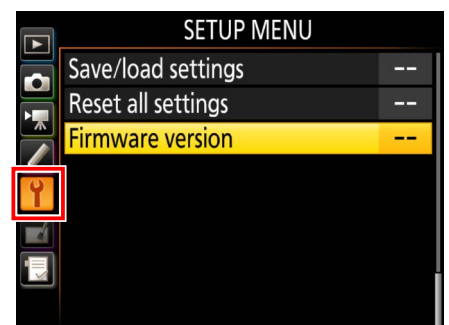
Any of the above actions could cause the devices to become inoperable.

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

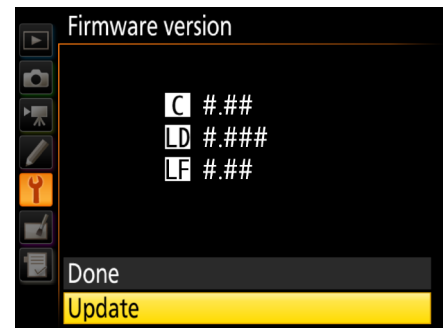
Cameras with Two Memory Card Slots

If the camera allows you to select one slot as the primary slot and the other as the secondary slot, insert the card into the slot currently selected as the primary slot. Otherwise insert the card into Slot 1.

- 2 Turn the camera on.
- 3 Press the camera **MENU** button to display the menus.
- 4 Select **Firmware version** in the setup menu.



- 5 The current firmware version will be displayed. Highlight **Update** and press **OK**.

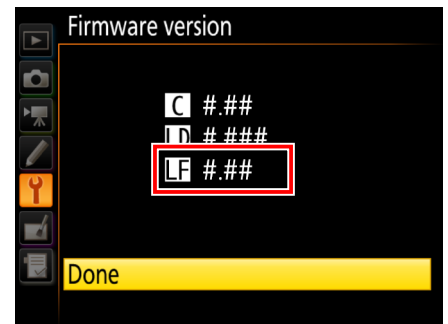


- 6 A firmware update dialog will be displayed. Select **Yes**.



- 7 The update will begin. Follow the instructions in the camera monitor to complete the update.

- 8 Confirm that the update was completed successfully.
- 8-1. Turn the camera off and remove the memory card.
 - 8-2. Check the firmware version as described in Step 2, "Check the current firmware version".
 - 8-3. If the updated version is displayed, the update was successful.



"#.##" is the firmware version.

If the update was not successful, contact a Nikon service representative.

- 9 **Format the memory card in the camera.**

This completes the firmware update.