

## 7. FIRMWARE REWRITING

### 7.1 Outline

- Two types of firmware rewrite, the controller firmware rewrite and the engine firmware rewrite, are available. Both types of firmware rewrite need connecting the PC to the machine with the USB cable and starting the dedicated updater on the PC.

### 7.2 Preparation

#### NOTE

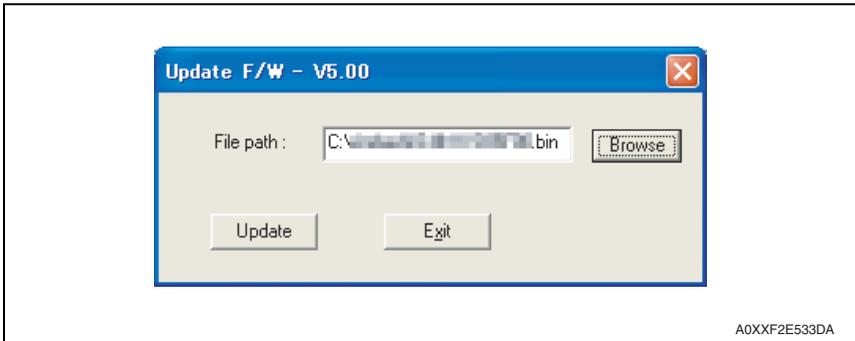
- Before rewriting the firmware, install the TWAIN drivers on the host computer used for the firmware rewrite.
- Before rewriting the firmware, copy the firmware rewriting tool, “UpdateFW.exe” to the host computer used for the firmware rewrite.

### 7.3 Rewriting method

1. Connect the machine and PC using the USB cable.
2. Copy the UpdateFW.exe and rewriting program in any arbitrary directory of the PC.
3. Double-click “UpdateFW.exe”.



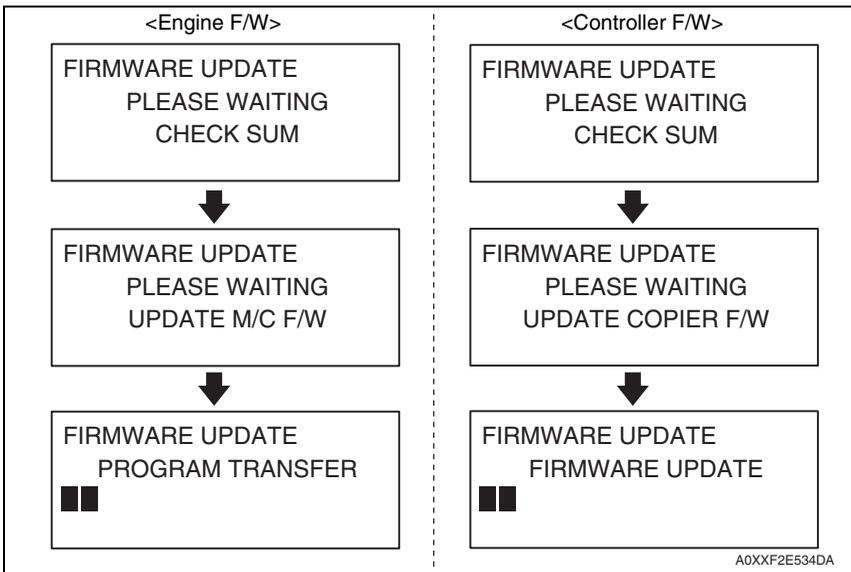
4. Click [Browse] and select File path, “XXXXX.bin”.
5. Click [Update].



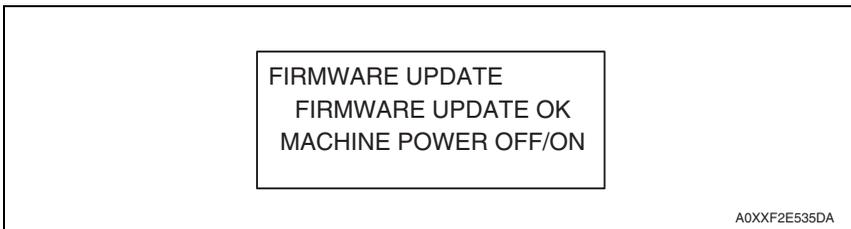
6. Firmware rewriting starts.
7. Check the display for status of the firmware rewriting sequence.

#### NOTE

- Do not turn off the copier while its firmware is being rewritten.



8. When the following message appears in the display, it indicates that rewriting of the firmware has been completed.



9. When [Transfer Successfully!] message appears on the screen, click [OK] to close the execution tool.

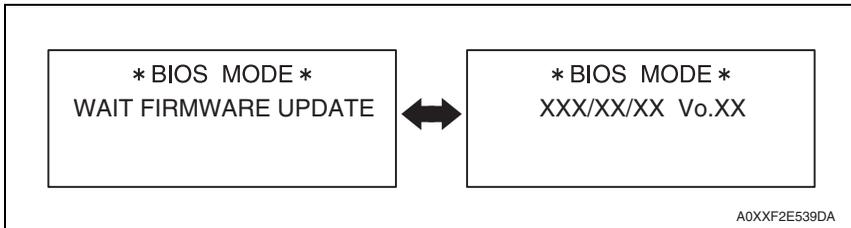


10. Turn OFF and ON the power switch of the machine, and confirm the firmware version. See P.108

### 7.4 Procedure when upgrading the firmware has failed

#### NOTE

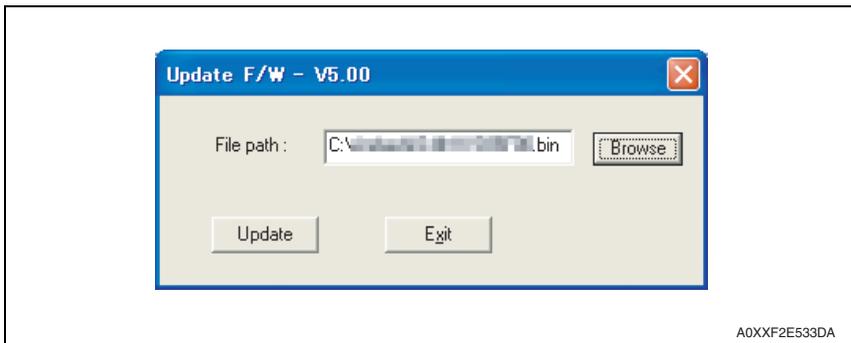
- Perform the following procedure only when upgrading from PC using ordinary USB connection has failed and the machine has not started properly.
1. Turn ON the power switch of the machine while pressing the Menu/Select key on the control panel.
  2. Check to make sure that [BIOS MODE] is displayed on the control panel.



3. Connect the machine and PC using the USB cable.
4. Copy the UpdateFW.exe and rewriting program in any arbitrary directory of the PC.
5. Double-click "UpdateFW.exe".



6. Click [Browse] and select File path, "XXXXX.bin".
7. Click [Update].



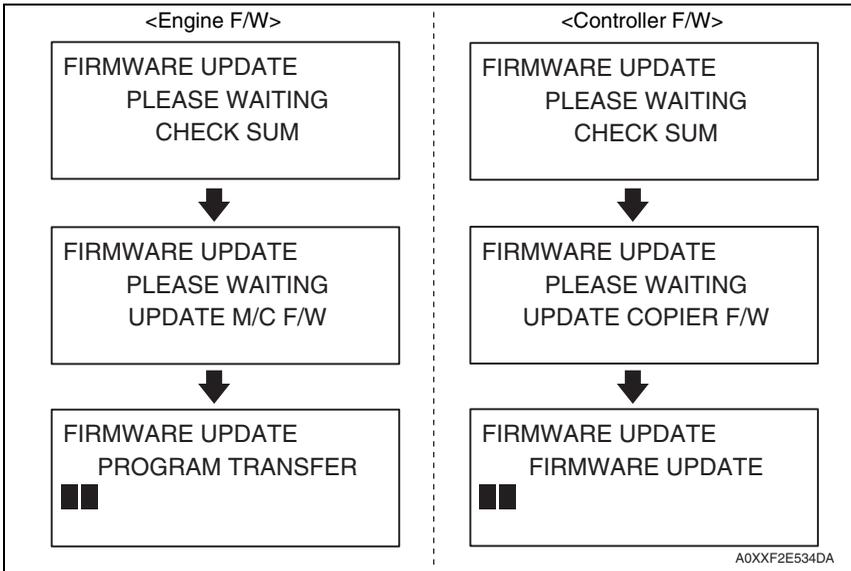
8. Firmware rewriting starts.
9. Check the display for status of the firmware rewriting sequence.

#### NOTE

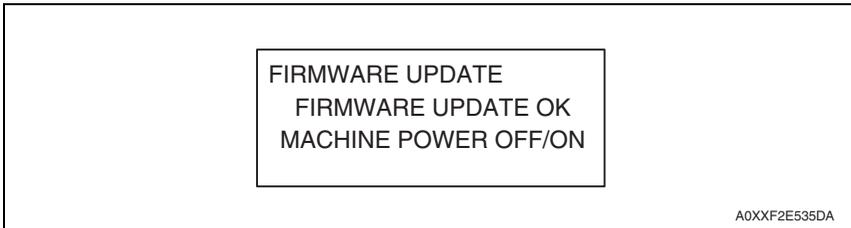
- Do not turn off the copier while its firmware is being rewritten.

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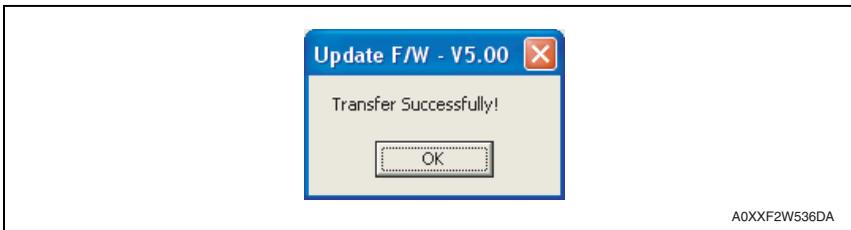
MAINTENANCE



10. When the following message appears in the display, it indicates that rewriting of the firmware has been completed.



11. When [Transfer Successfully!] message appears on the screen, click [OK] to close the execution tool.



12. Turn OFF and ON the power switch of the machine, and confirm the firmware version. See P.108