



## PowerFlex 700H Drive (Revision 1.006)

These release notes correspond to minor revision 1.006 of firmware for PowerFlex 700H Drives.

### Determining Firmware Revision Level

To determine the firmware version for a PowerFlex 700H Drive, view parameter 29 [Control SW Ver].

### Firmware Upgrade Procedure

This section describes procedures to flash upgrade your drive firmware. Downloads are provided on the Allen-Bradley Web Updates site located at <http://www.ab.com/support/abdrives/webupdate>.

**Note:** This procedure uses the PowerFlex Flash Update Tool. Control Flash and Anacanda support through the DPI are not yet available.



**ATTENTION:** Risk of drive damage exists if drive power is removed during the Boot Flash segment of the upgrade/download. To guard against damage, Do Not Remove Power to the drive until the download is complete and the drive has been reset.

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**Important:** Once a flash update has been started, do not remove drive power until the download is complete and the drive has been reset. If power is removed during Boot Flash, the drive may be permanently damaged. A drive that has been damaged in this way cannot be repaired. If power is removed during Application Flash, the drive will remain in Boot and can be reflashed.

Using the PowerFlex Flash Update Tool

**Important:** The PowerFlex Flash Upgrade Tool is used with a straight serial cable with male-female connectors. Do not use a crossover cable (NULL Modem) cable.

**Important:** Shut down RSLinx before completing this procedure in order to avoid a COMM PORT error.

The system firmware is named RPF700HAV021.vcn and is the only file required for this update. The standard application firmware is bundled with system firmware and does not require a separate download or flash.

1. Connect the serial cable to the port on the front of the 700H control assembly as shown below.



2. Follow the screen prompts until the flash procedure is completed and the new firmware version is displayed.

### Corrected Anomaly

This section describes the anomaly corrected in this revision.

Function	Anomaly	Correction
DC Input	A DC Input PowerFlex 700H drive with revision "H" main control board may experience a System Fault F10 on power up. This is due to a timing issue in the firmware. The fault is resettable after power up.	The firmware has been modified to accommodate the required timing during power up to prevent the System Fault F10.

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