

Controller Firmware Upgrade Installation Instructions

SUPERSEDES: New

EFFECTIVE: January 11, 2012

Overview

This document provides instructions for upgrading the firmware in an iWorx® controller.

Supplies Needed

The following supplies are needed to complete this procedure:

- One Secure Digital (SD) Memory Card - no greater than 2GB capacity
- One Secure Digital (SD) Memory Card reader/writer connected to a personal computer

Firmware Upgrade File Format

Firmware upgrade files are named according to the following convention:

Controllertype_version.abp

where *Controllertype* is the type of controller for which the firmware file is designed, and *version* is the firmware version number.

EXAMPLE The file name LHP2_102.ABP indicates that the firmware is for the LHP2 controller type (Liquid Source Heat Pump Loop Controller) and the firmware version number is 102. APB is always the file extension of controller firmware.

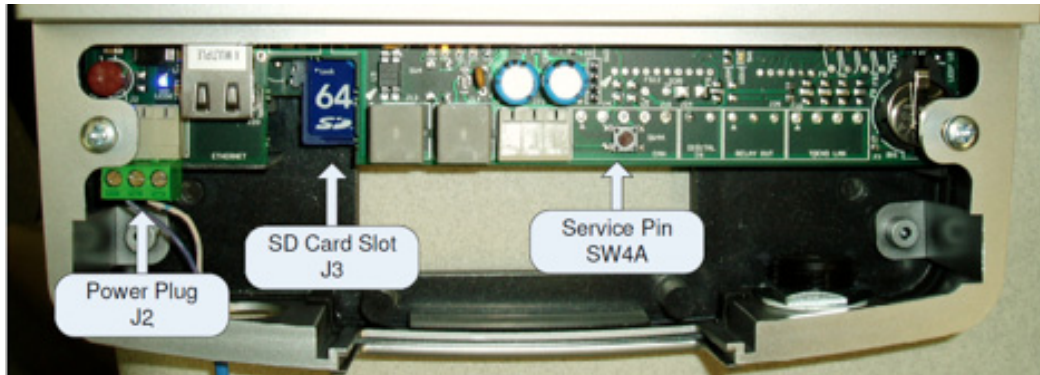
Copying the File to the SD Card

If you received an SD card with preloaded software files, skip this step and proceed immediately to the next step.

To load an APB file onto the SD card, make sure the SD card is properly inserted into the card reader/writer attached to your computer, and use Windows Explorer to copy the file to the SD Card. Once copied, the SD Card can be removed from the card reader attached to your PC and placed in the LCI2 according to the instructions that follow.

Upgrading the Controller Firmware

1. Place the SD card in the SD card slot J3 on the LCI as shown below.



2. Log on to the LCI2.

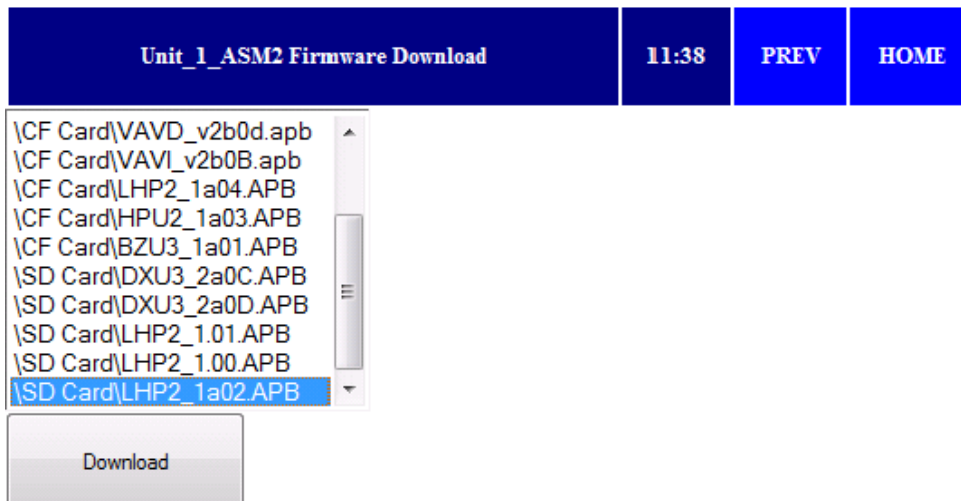
3. Select **Controllers**.

4. From the list of controllers, select the controller whose firmware you wish to upgrade.

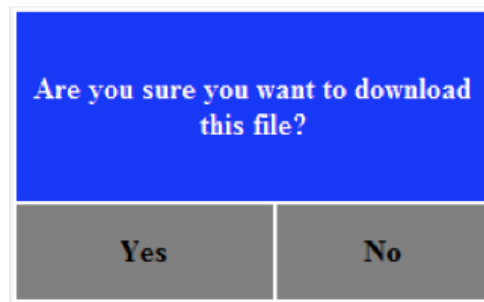
5. Once the controller is selected, choose **Upgrade** as shown below.



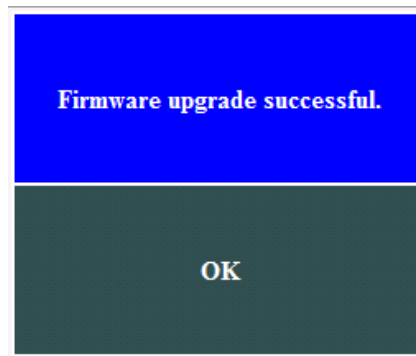
6. A window appears displaying all available firmware files on the Compact Flash Card and SD card. Entries starting with \CF Card\ are files found on the CF Card. Entries starting with \SD Card\ are files found on the SD Card.



7. Find and select the controller firmware file you wish to apply to the controller you selected previously. Once selected, the controller firmware file is highlighted in blue.
8. Press **Download**; the window below appears. Select **Yes** and observe the download progress display.



9. Once the download is complete, the following window is displayed.



10. Press **OK**. The controller firmware has now been successfully upgraded.
11. The controller settings have now been set to factory defaults. You will need to configure the controller back to the settings that were present before the firmware upgrade.

CONTROLS MADE EASY®

Taco Electronic Solutions, Inc., 1160 Cranston Street, Cranston, RI 02920
Telephone: (401) 942-8000 FAX: (401) 942-2360.

Taco (Canada), Ltd., 8450 Lawson Road, Unit #3, Milton, Ontario L9T 0J8.
Telephone: 905/564-9422. FAX: 905/564-9436.

Taco Electronic Solutions, Inc. is a subsidiary of Taco, Inc.
Visit our web site at: <http://www.taco-hvac.com>