

Programming the Veracity Control Wheel

Description

- These procedures are designed to aid easy updating of the Veracity Control Wheel software.
- Requirements:
 - PLC Bootloader Tool Software (should have come with this file)
 - Serial Data Cable (PLC940-0029)
 - A computer with a functional DB9 serial connector or a USB-to-serial cable
 - The software '.cry' file that will be loaded into the Veracity Control Wheels.

Procedure

1. Connect the Serial cable to the computer and the RC Data Connector port of the Veracity PAN Wheel.





2. Launch the PLC Bootloader Tool.

PLC Bootloader Tool - Ver. 1.1.0 - Build 9		
PLC ELECTRONIC SOLUTIONS LTD.	Communications	Programming NOT Connected Connect
PLC Bootloader Tool	Open Serial Port Status File Selection Select File	Program Reset Device Programming Status
File Status		
Quit Help If the correct COM port and/or Baudrate aren't displayed, select the correct ones from the drop down lists and click Open.		

- Select the COM port pertaining to your serial cable connection and a baud rate of 38400. Click "Open" and below the open button, the text "COM___ is open at 38400" should appear.
- 2. Click "Select File" and open "HW_Controller_3_V4.1.cry" (or the latest revision of the HW_Controller.CRY file).
- 3. Click "Connect". "CONNECTING.." should be flashing.
- 4. Hold in the zeroing button on the Veracity PAN Wheel and apply power while the **PLC Bootloader Tool** program is looking for a connection. The **PLC Bootloader Tool** program will now say 'Connected', highlighted in green.
- 5. Click "**Program**" and the bottom progress bar should move smoothly from 0% to 100% and a dialog box saying "**Target is programmed**" should appear once completed.
- 6. Remove the serial cable. You have completed the programming procedure.