

## GP4 EHCS Software Download Procedure

### Purpose

To describe the procedure for downloading software to the EHCS.

### Procedure

**NOTE:** Failure to complete this procedure once started may leave the EHCS in a faulted or unrecoverable state. Ensure that once the software download has started, the whole procedure is followed.

**NOTE:** The PWS should be plugged into an AC power source to prevent loss of battery power during the Software Download.

1. Power off the IOT, if it is on.
2. Disconnect the Power and Communication Cables from the rear of the EHCS.
3. Remove the EHCS Rear Cover (8 screws).
4. Connect the Power Cable to the rear of the EHCS.

#### CAUTION

Failure to disconnect [ P/J3] in Step 5-1 could result in damaging the EHCS PWB.

5. ([Figure 1]): Prepare the EHCS PWB for software download.
  1. Disconnect [ P/J3] from the EHCS PWB.
  2. Set dip switch 1 to ON, as shown in [Figure 1].
  3. Connect the PWS Cable to [ P/J17], using a Null Modem Adapter (113E40060).

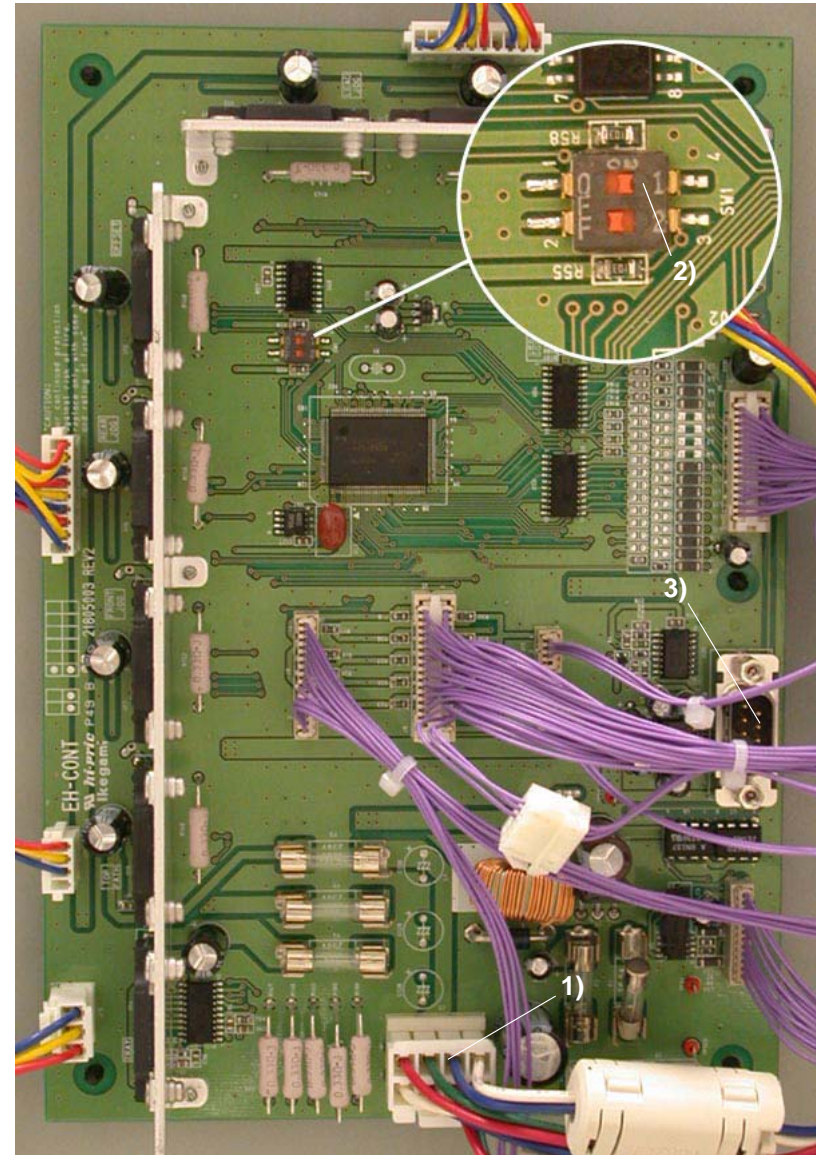


Figure 1 Prepare the EHCS PWB for Software Download

6. Switch on the Bypass Switch.
7. ([Figure 2]): Start the EHCS Software Download Tool on the PWS.
  1. Select "DCxxxx EHCS Software Download Tool" in the PWS Contents Window, where "xxxx" is the product the EHCS is attached to.
  2. Select the button in the resulting screen to start the EHCS Software Download Tool.

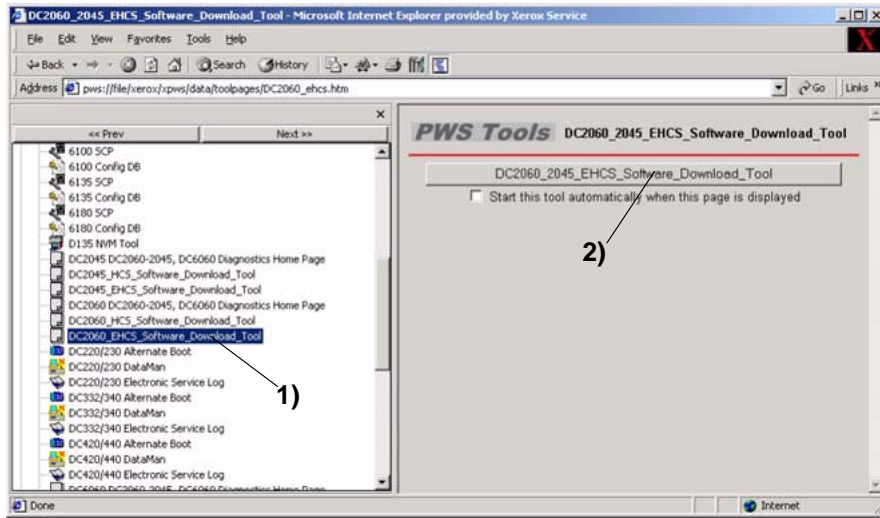


Figure 2 Starting the EHCS Software Download Tool

8. ([Figure 3] and [Figure 4]): Configure the EHCS Software Download Tool.

1. Select the appropriate COM Port using the "Port" dropdown box. In most cases, this will be "COM1". If an error message is received later, change this to "COM2".

2. Select "Search".

([Figure 4]): 3. In the resulting window, browse to the System Software CD, and, within the EHCS folder, select the appropriate .MOT file.

4. Select "Open."

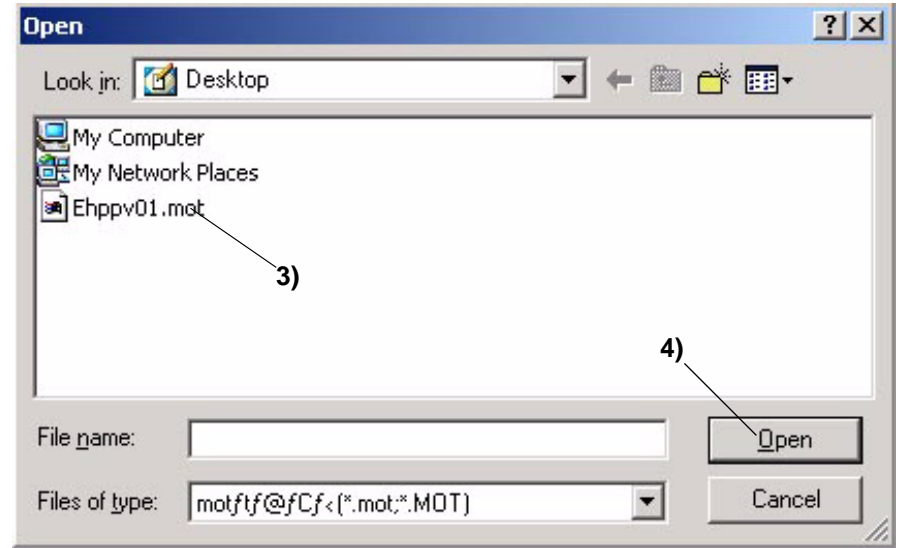


Figure 4 EHCS Software Download Tool

9. Select "Start."
10. In the "Start" pop-up window, click "OK." The EHCS Software Download Tool will start downloading to the EHCS.
11. Once the Software Download has finished, click "OK." Close the EHCS Software Download Tool.
12. Switch off the Bypass Switch, change dip switch 1 to the OFF position, and reconnect [ P/J3].
13. Disconnect the Power Cable, PWS Cable, and Null Modem Adapter from [ P/J17].
14. Replace the EHCS Rear Cover.
15. Reconnect the Power and Communication Cables.
16. Power on the IOT. The EHCS Control Panel should display the new software version detailed in the software release notes.

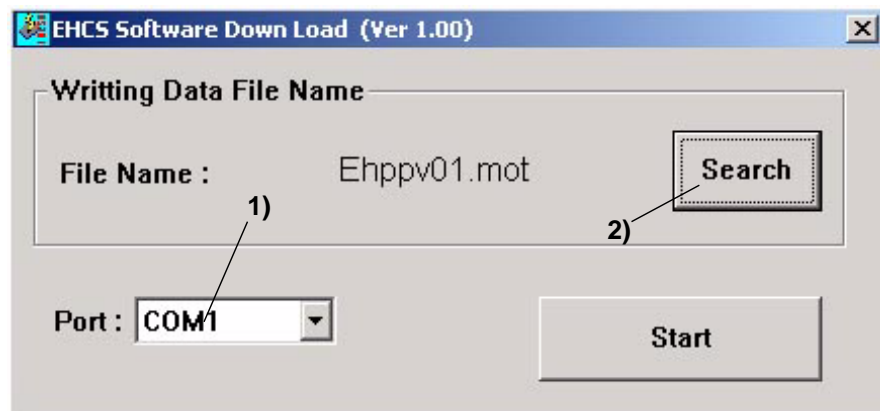


Figure 3 EHCS Software Download Tool