Portable Power

Service Letter

Field Modification

SL: 30011
Date: 6 May 2013
Product: Generator
Subject: Digital Controller Reprogramming (Y06)

PROCEDURE & WARRANTY GUIDELINES	
Repair Priority	Mandatory - Class A
Parts Required	No - No parts required
Parts Return	No - No parts required
Parts Credit	No - No parts required
Labor Credit	Yes - Thirty (30) minutes
Travel Credit	Yes - Two (2) hours for retailed machines
Causal Part Number	Controller setting file to be found on BobcatNet-ESA
Warranty Code	Y06
DVP Application	No

MODEL	SERIAL NUMBER
G20	G0200120 G0200125 G0200129 G0200167 G0200173 G0200181 thru G0200185
G30	G0300126 G0300149 G0300154 G0300158 thru G0300160 G0300166
G40	G0400163 G0400165 thru G0400166 G0400181 thru G0400182 G0400218 G0400223 G0400242 thru G0400243 G0400282 thru G0400283 G0400288 thru G0400293

MODEL	SERIAL NUMBER
G60	G0600110 G0600112 thru G0600116 G0600132 G0600136 thru G0600138 G0600145 G0600155 thru G0600159 G0600165 G0600168 thru G0600170 G0600172 thru G0600178 G0600180 G0600189 thru G0600190 G0600235 G0600265 G0600267 G0600272 G0600275 G0600301 thru G0600302 G0600312 G0600324 thru G0600328

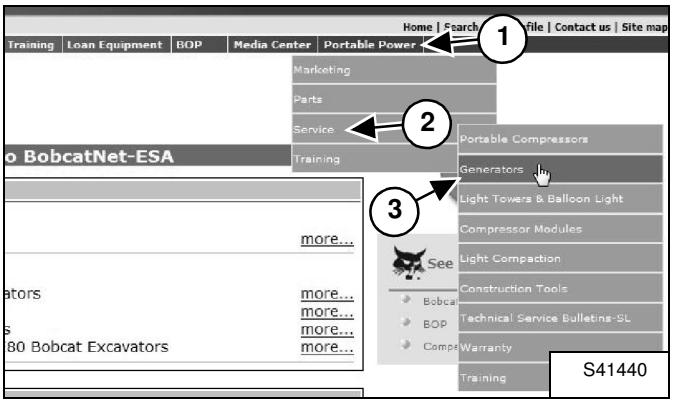
Doosan Benelux SA has determined that the digital controller **[Figure 1]** settings are not appropriate for the engine protection. While the controller triggers a shut down in case of overheating or low oil pressure it only gives an alarm if the signal is lost, leaving the engine running. The risk is to destroy the engine on lack of lubrication or overheating.

Figure 1

Procedure

LiteEdit Software Installation

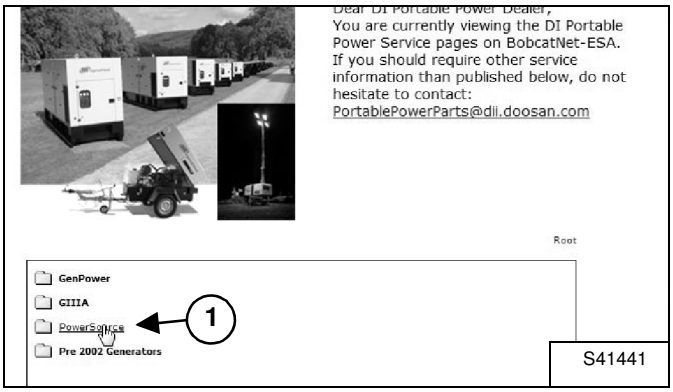
Figure 2



To download the required 'LiteEdit' software go to: **http://www.bobcatnet-esa.com** and login.

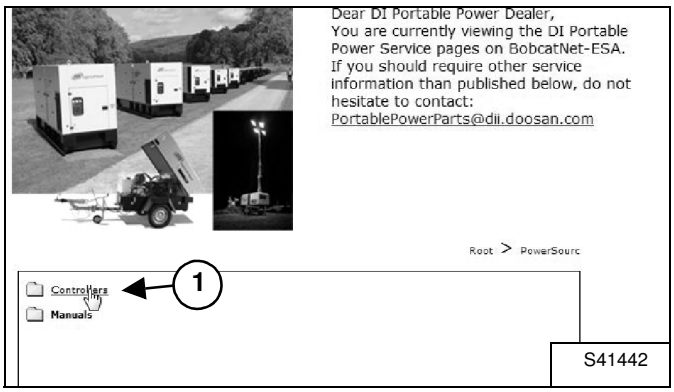
Follow the drop down menu's - Portable Power (Item 1), Service (Item 2), Generators (Item 3) **[Figure 2]**.

Figure 3



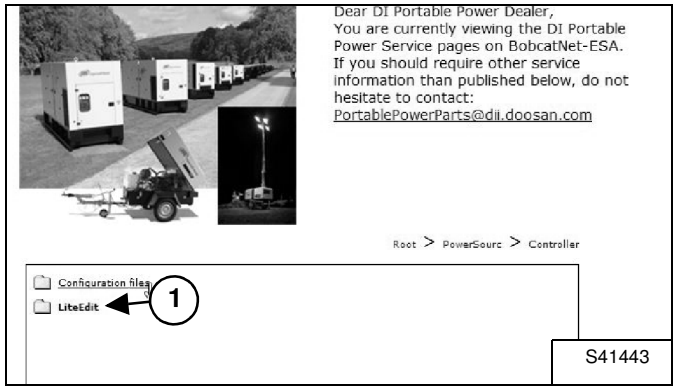
Click "PowerSource" (Item 1) **[Figure 3]**.

Figure 4



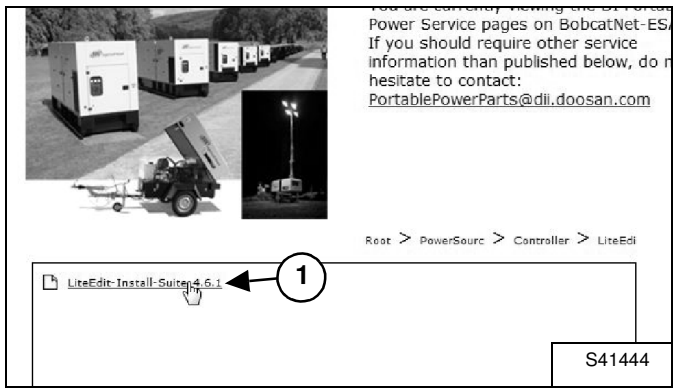
Click "Controllers" (Item 1) **[Figure 4]**.

Figure 5



Click "LiteEdit" (Item 1) **[Figure 5]**.

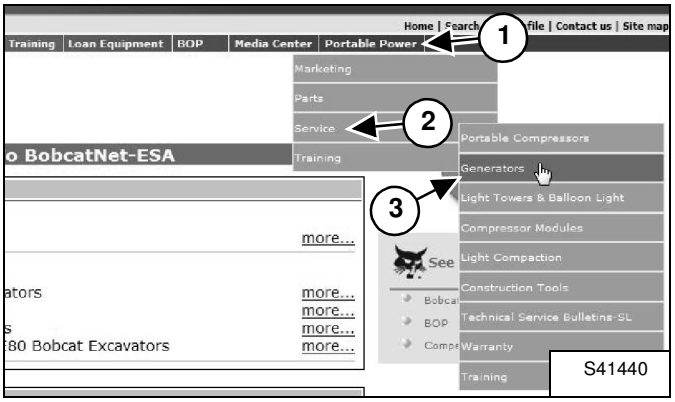
Figure 6



Double-click "LiteEdit-Install-Suite-4.6.1.exe" (Item 1) **[Figure 6]** to install the 'LiteEdit' software on your computer.

Configuration Files Download

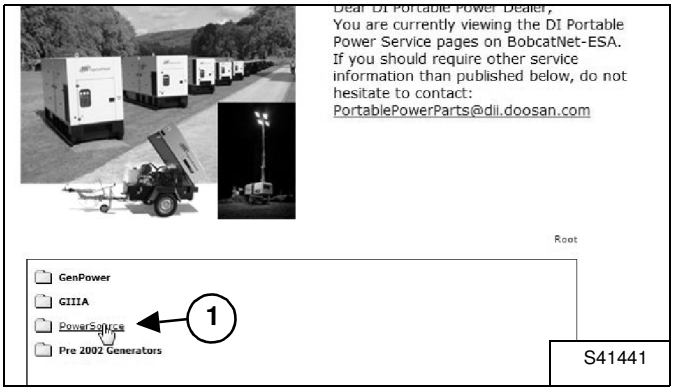
Figure 7



Go to: **http://www.bobcatnet-esa.com** and login.

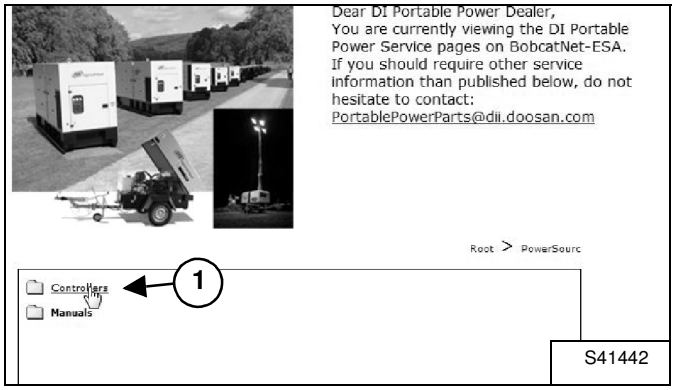
Follow the drop down menu's - Portable Power (Item 1), Service (Item 2), Generators (Item 3) **[Figure 7]**.

Figure 8



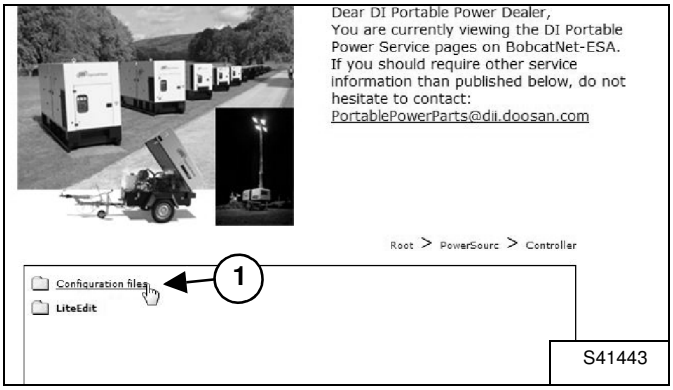
Click "PowerSource" (Item 1) **[Figure 8]**.

Figure 9



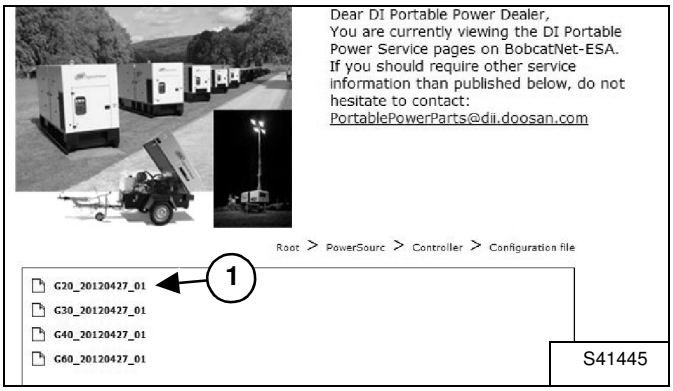
Click "Controllers" (Item 1) **[Figure 9]**.

Figure 10



Click "Configuration files" (Item 1) **[Figure 10]**.

Figure 11



Select the configuration file (Item 1) **[Figure 11]** corresponding to the generator model you are updating and click to save the files on your computer:

- "G20_20120427_01.ail" for G20
- "G30_20120427_01.ail" for G30
- "G40_20120427_01.ail" for G40
- "G60_20120427_01.ail" for G60

Figure 12

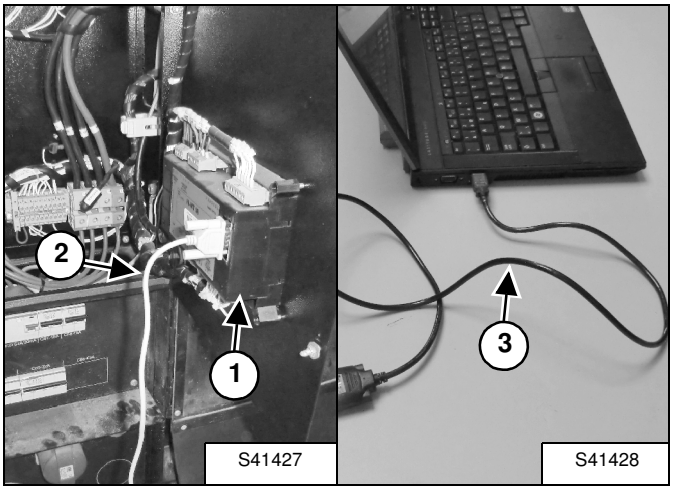
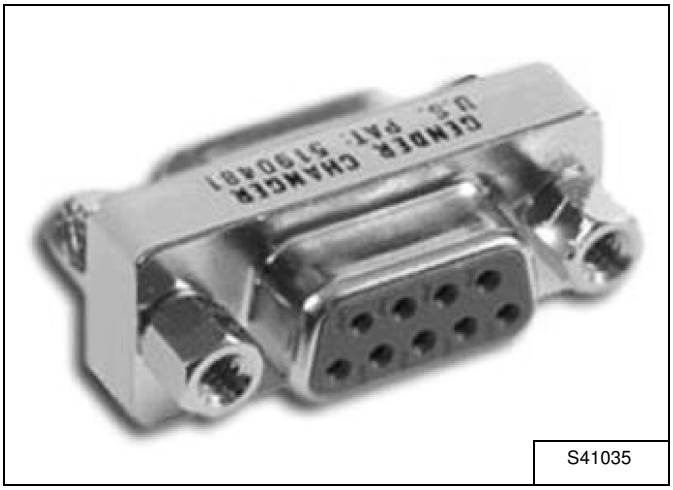


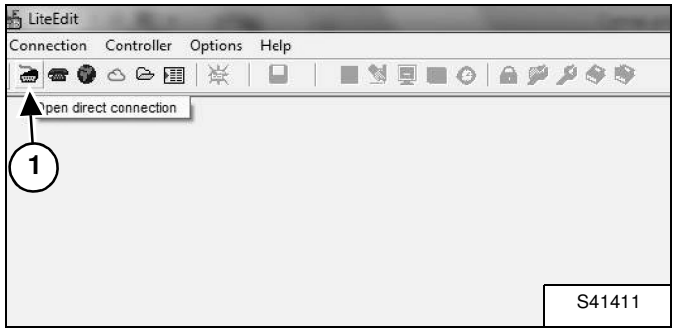
Figure 13



If your computer is equipped with an RS232 output, connect the computer to the controller (Item 1) using a female-female RS232 cable (Item 2) **[Figure 12]**.

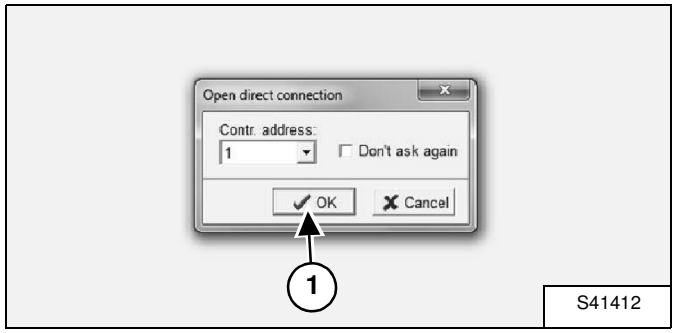
If your computer does not have an RS232 connection, use the USB - Serial Cable CPN 46551205 (Item 3) **[Figure 12]** together with the female-female RS232 connector CPN 46551213 **[Figure 13]**.

Figure 14



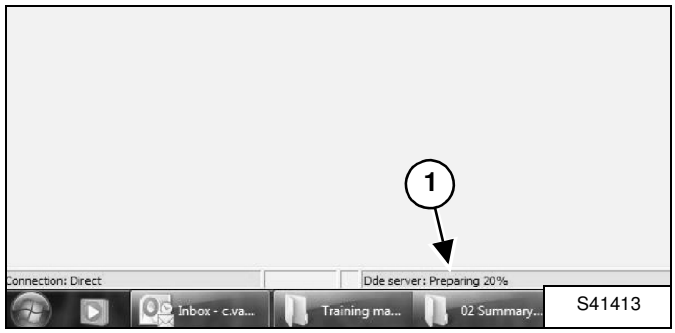
Open the 'LiteEdit' software and click the "Open direct connection" icon (Item 1) **[Figure 14]** in the upper left corner.

Figure 15



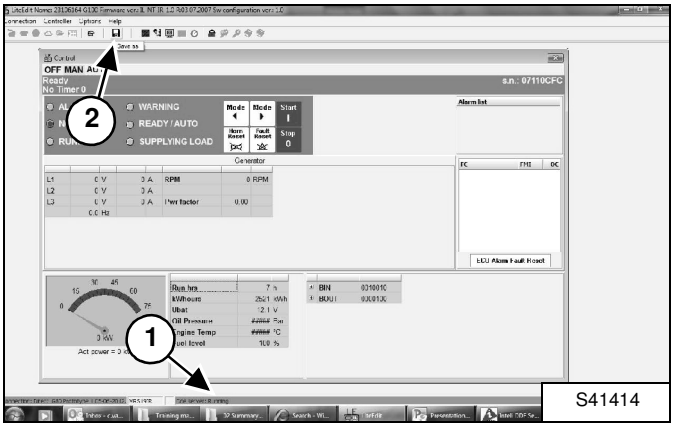
Click "OK" (Item 1) **[Figure 15]**.

Figure 16



Wait while the connection is being prepared (Item 1) **[Figure 16]**.

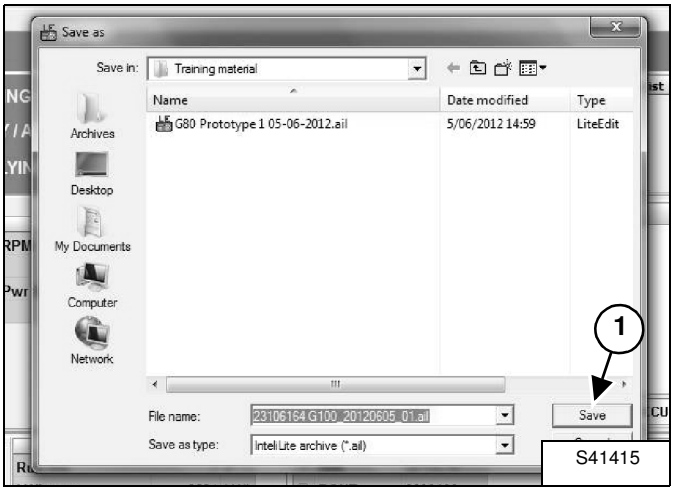
Figure 17



When the screen displays “Running” (Item 1), click the “Save as” icon (Item 2) **[Figure 17]** to save the controller’s archive.

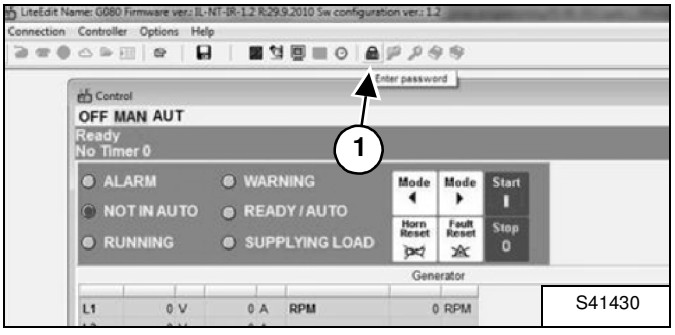
NOTE: DO NOT carry out yet any other action.

Figure 18



Enter the desired file name and click “Save” (Item 1) **[Figure 18]**.

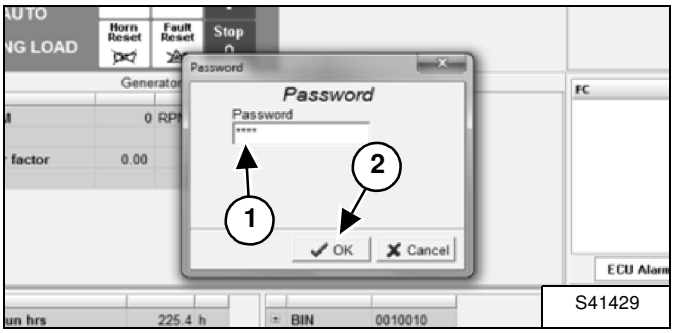
Figure 19



Click the “Enter password” icon (Item 1) **[Figure 19]**.

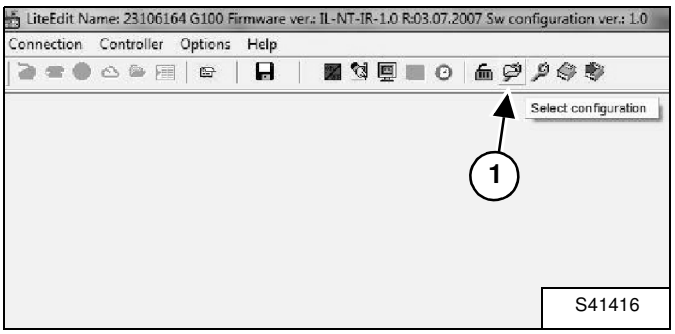
NOTE: The password can be found in your dealer letter.

Figure 20



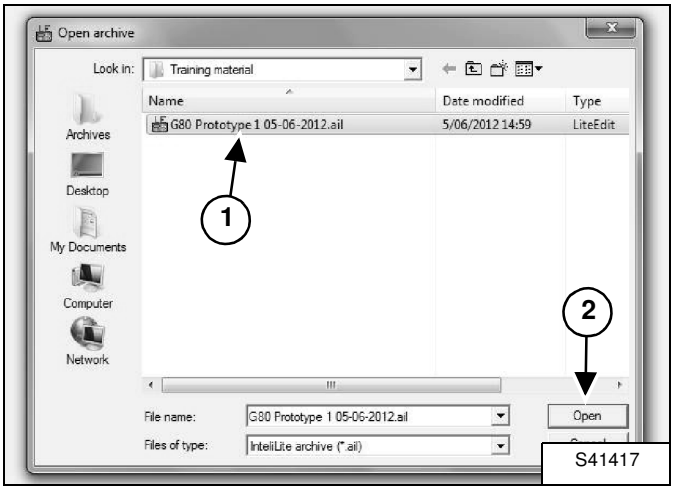
Enter the password (Item 1) and click “OK” (Item 2) **[Figure 20]** to unlock the controller.

Figure 21



Click the “Select configuration” icon (Item 1) **[Figure 21]** to open the desired configuration file.

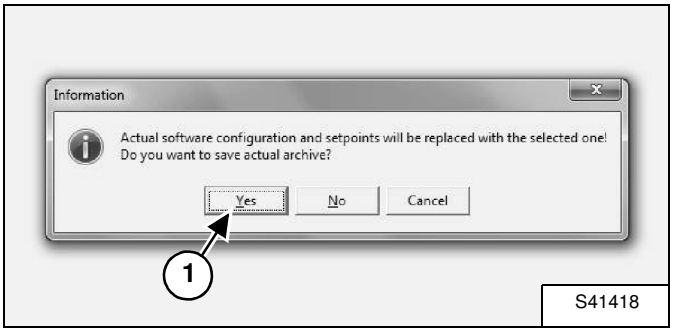
Figure 22



Select the configuration file (Item 1) **[Figure 22]** from your computer location where it was saved in **[Figure 11]** and click “Open” (Item 2) **[Figure 22]**:

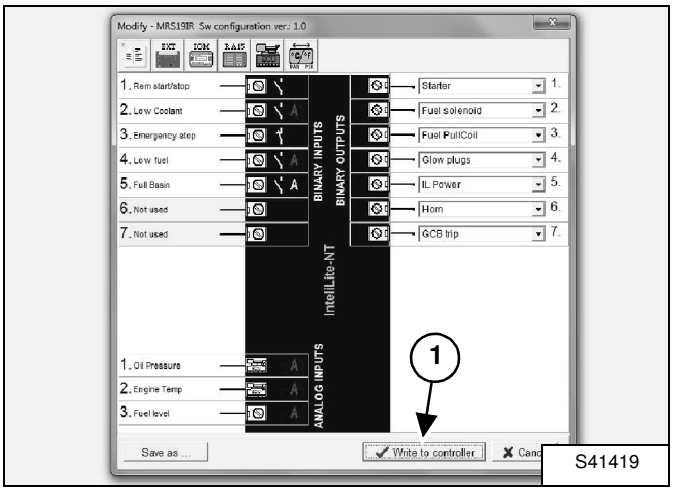
- “G20_20120427_01.ail” for G20
- “G30_20120427_01.ail” for G30
- “G40_20120427_01.ail” for G40
- “G60_20120427_01.ail” for G60

Figure 23



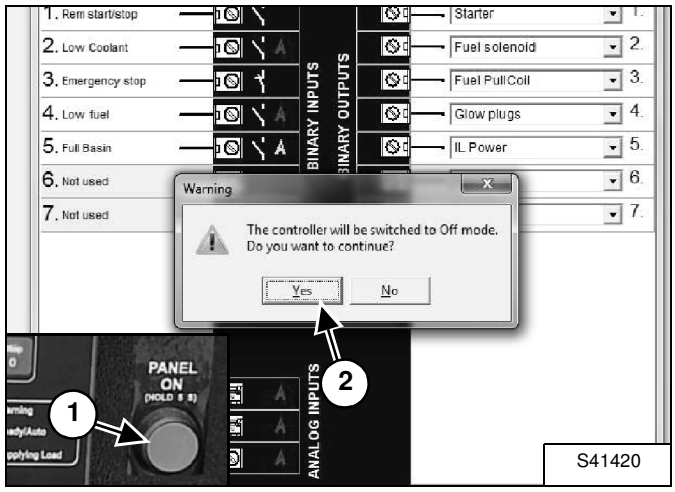
Click “Yes” (Item 1) **[Figure 23]** to confirm the configuration selection.

Figure 24



Click “Write to controller” (Item 1) **[Figure 24]**.

Figure 25



NOTE: The controller will be switched off during the programming [Figure 25]. Therefore the controller power hold will be released.

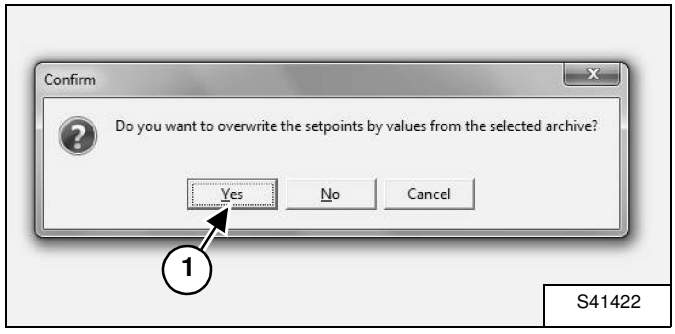
To avoid power shut-off (and loss of controller data):

- Power-up the controller from an external source OR
- keep the power-up (green) button (Item 1) **[Figure 25]** pressed during the programming time.

Ensure the controller is kept powered-up and click “Yes” (Item 2) **[Figure 25]**.

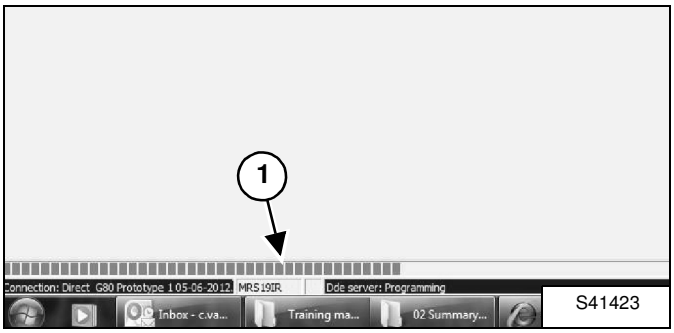
NOTE: Failure to keep the controller powered-up will cause programming interruption and may cause the controller firmware to be corrupted. The controller becomes unusable and will need to be replaced.

Figure 26



Click “Yes” (Item 1) **[Figure 26]**.

Figure 27



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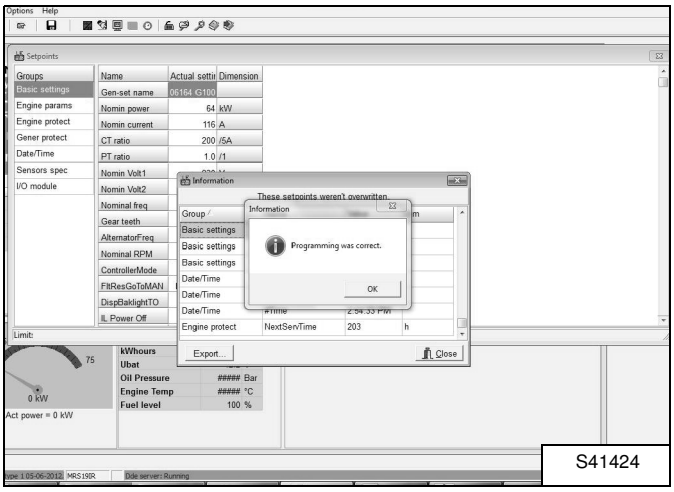
Wait while the writing process is running (Item 1) **[Figure 27]**.

Figure 28



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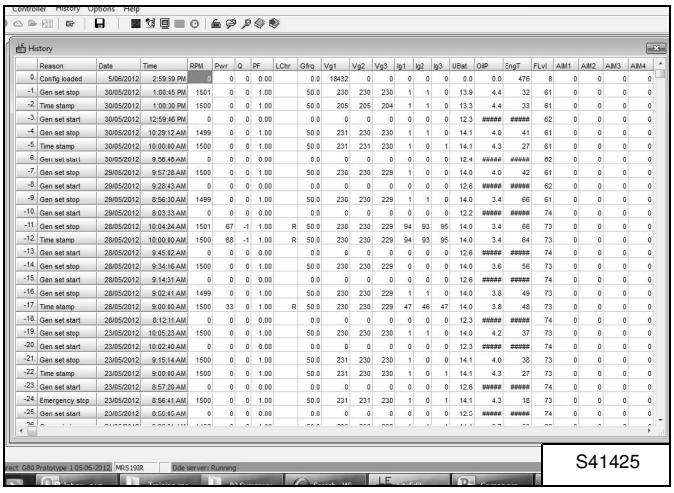
When the screen **[Figure 28]** is displayed, the programming is completed.

Figure 29



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All programming can be consulted in the history **[Figure 29]**.