Force America 6100 GEN 3 & 4

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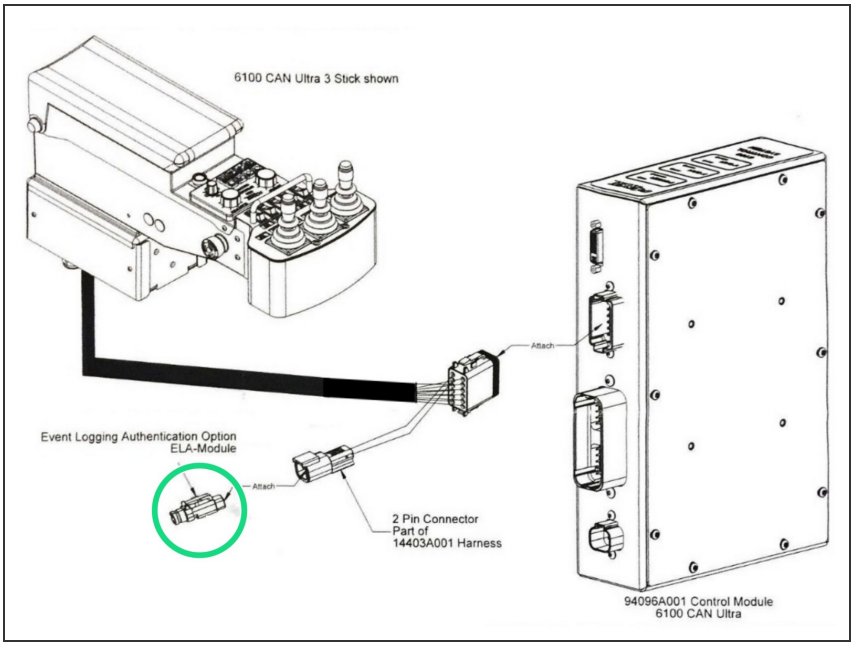
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INTRODUCTION

[video: https://youtu.be/LwCBA-mUcoI]

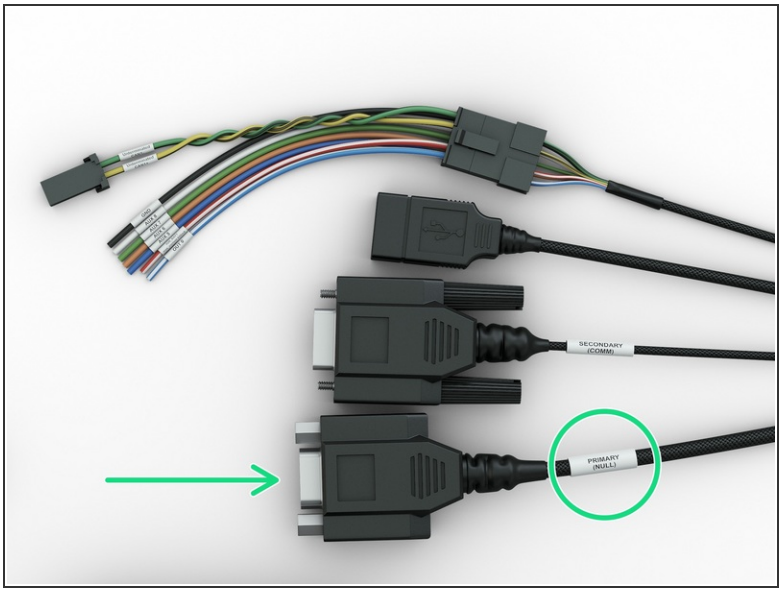
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— Requirements



- The Event Logging Authentication (ELA) Module is required for the GEN3 models of the Force America 6100 controller and can be ordered from Force America.
- The Event Logging Authentication (ELA) Module must be Geotab enabled.
- GEN5 models do not require the ELA Module.
- Connect the ELA Module to the 2-pin connector attached to the 12-pin harness (P/N 1016023).

— Installation



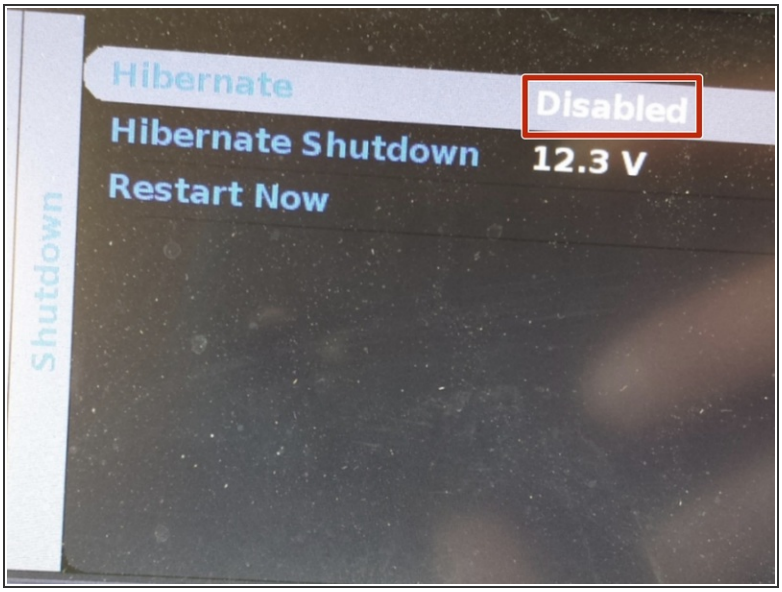


- The IOX-WRKS primary port connects to the DB9 (RS-232) serial port on the ELA Module of the Force America 6100 with the HRN-FAI cable.

This document was generated on 2024-07-12 09:42:21 AM (MST).

— Controller Configuration





- Power on the Force America 6100 controller.
- Enter the [Calibration] menu.

An access code may be required and can be obtained from your Force America representative.

- Under the [Configuration > Enabled Options] menu set [Event Logging] to "AVL".
- Under the [Configuration > Shutdown] menu set [Hibernate] to "Disabled".
- Navigate to the [Configuration > Event Logging > Intervals] menu and set each parameter to "Enabled".
- Exit the [Calibration] menu and reboot the controller.

The Force America 6100 controller is now configured to stream data to the IOX-WRKS.

Ensure the IOX-WRKS has the correct controller configuration loaded before proceeding to verification / simulation mode.

— Simulation Mode

- Set [Spinner], [Conveyor] and [Liquid] to desired settings.
- Press the green knob (on and off) on the controller to trigger an event change.
- Verify the data.

— Troubleshooting



ⓘ The icon shown in the image can be used to verify if the authentication was successful and that the data connection is established with the IOX-WRKS.

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