Force America 6100 GEN 5

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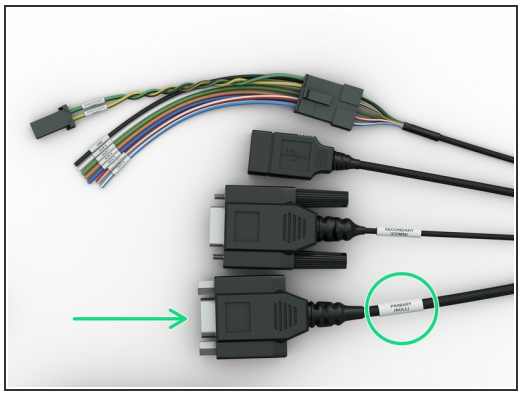
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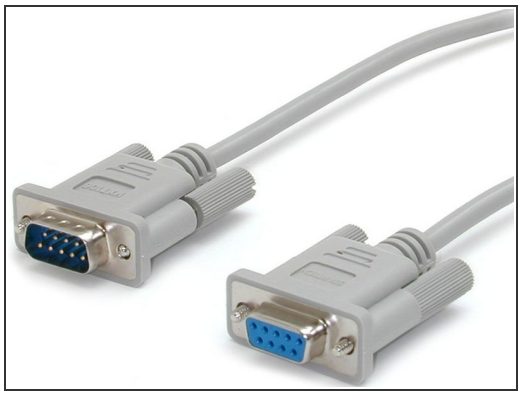
INTRODUCTION

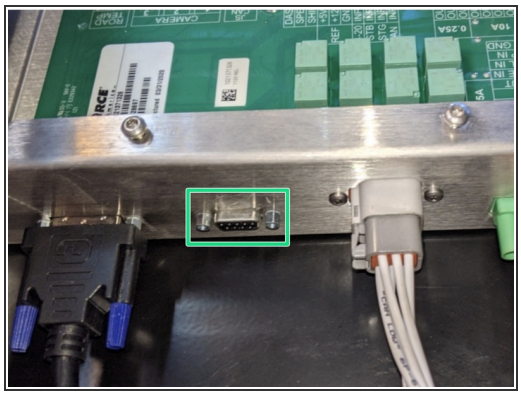
[video: https://youtu.be/H3V2DBlReK8]

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— Installation







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

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— 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 [SIM Speed] to "Enabled".
- Set [Event Logging (Serial] to "AVL".
- Navigate to the [Configuration > Event Logging > Intervals] menu and set each parameter to "Enabled".
- Navigate to the [Calibration > System Management > Shutdown] menu and select “Restart Now” to 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

- From the operator screen, set [SIM Speed] to "~25 MPH / KPH".
- Press the green knob (on and off) on the controller to trigger an event change.
- Verify the data.
- Ensure the [SIM Speed] is returned to "Disabled" if you enabled this feature.

⚠ **Never leave a controller in simulation mode!**

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