



Countries: CANADA, UNITED STATES, MEXICO, SOUTH AFRICA
Availability: ISIS, FleetSIS
Major System: ELECTRICAL SYSTEM
Current Language: English
Other Languages: [Portuguese](#), [Français](#), [Español](#)
Viewed: 3474

Document ID: IK0800059
Revision: 5
Created: 2/14/2007
Last Modified: 1/15/2013
Author: Rob Marvel

[Less Info](#)

Hide Details Coding Information

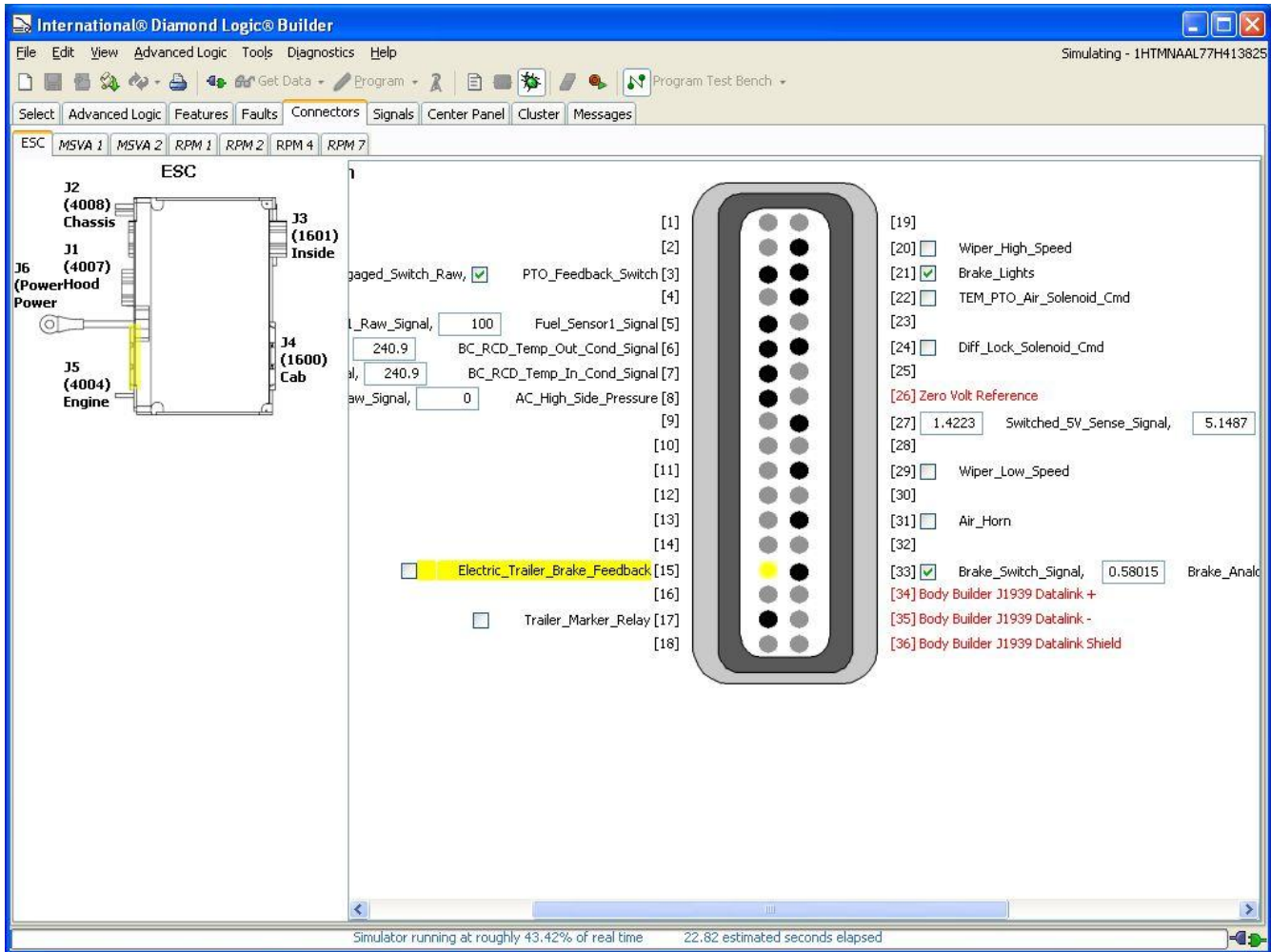
Copy Link 	Copy Relative Link 	Bookmark View My Bookmarks	Add to Favorites 	Print 	Provide Feedback 	Helpful 860	Not Helpful 728
----------------------	-------------------------------	--	-----------------------------	------------------	-----------------------------	---------------------------	-------------------------------

Title: Brake Lights Staying On

Applies To: All HPV

Pre-2007 NGV

If you are having problems with the brake lights staying on, you need to check pin 15 of the 4004 connector of the ESC for voltage. This is a feedback for an electric trailer brake controller. If there's voltage on pin 15 the brake lights will be on **even if you don't have an electric brake controller** and you'll have to trouble shoot that circuit to find out if it's the electric brake controller or a short to power.



Post-2007 NGV

If you are having problems with the brake lights staying on, you need to check pin F10 of the 1602 connector of the Body Controller for voltage. This is a feedback for an electric trailer brake controller. If there's voltage on pin F10 the brake lights will be on **even if you don't have an electric brake controller** and you'll have to trouble shoot that circuit to find out if it's the electric brake controller or a short to power.

The screenshot shows the International Diamond Logic Builder interface. On the left, a wiring diagram for the ESC (Electronic Control Solenoid) is displayed, showing connections to various components: J6 (Power_Feed Power), J4 (1601 Cab), J1 (1603 Hood), J2 (1604 Chassis), J3 (1600 Inside), and J5 (1602 Engine). On the right, the '1602 (ESC J5) Mating View Shown' is detailed, listing 16 pins (F1-F16) and their corresponding signals (E1-E16). The 'Electric_Trailer_Brake_Feedback' signal is highlighted in yellow. The status bar at the bottom indicates 'Simulator running at roughly 42.68% of real time' and '22.42 estimated seconds elapsed'.

[Click here for Pre-2007 circuit diagrams .](#)

[Click here for Post-2007 circuit diagrams.](#)

Hide Details

Feedback Information

Viewed:	3473
Helpful:	860
Not Helpful:	728

No Feedback Found

Copyright © 2013 Navistar, Inc.