



Countries:	CANADA, UNITED STATES	Document ID:	IK0800411
Availability:	ISIS, Bus ISIS, FleetISIS, Body Builder	Revision:	5
Major System:	ELECTRICAL SYSTEM	Created:	12/18/2012
Current Language:	English	Last Modified:	2/5/2013
Other Languages:	NONE	Author:	Matthew Boyer
Viewed:	1849		

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Coding Information

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Title: Body Controller Resource Center

Applies To: Post 2007 Vehicles Built with Body Controllers

Body Controller Resource Center

TITLE

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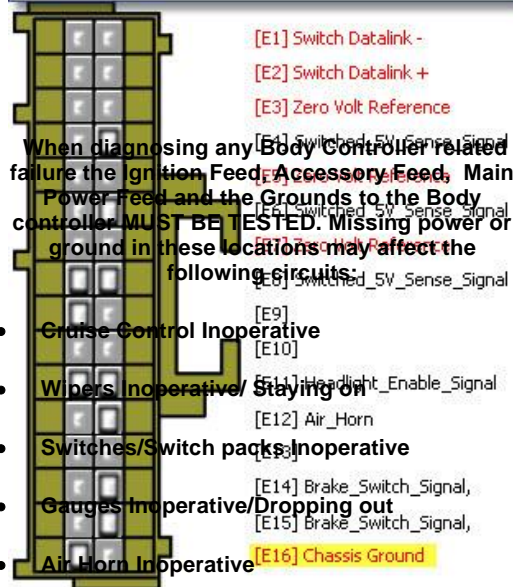
[> Lighting Systems](#)

1600(J3)

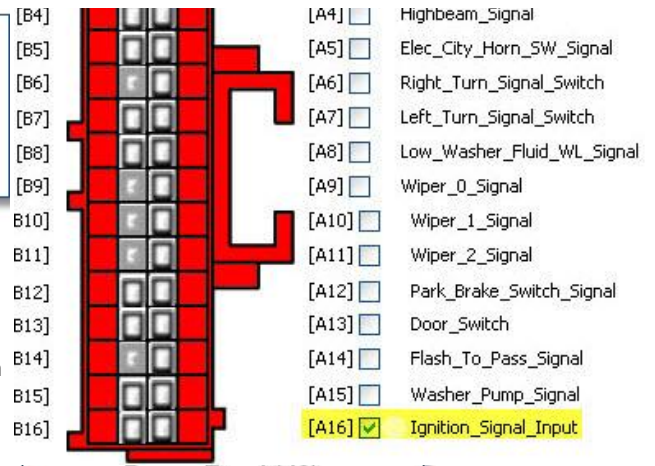
Pins A1 and A16 need to have a check mark with the key in the run position. These are 12 volt signals. If the check marks are missing, the circuits need to be load tested with a headlight bulb inducing less then a 0.5 volts drop in the circuit.

[B1]		[A1] <input checked="" type="checkbox"/> Accessory_Signal_Input
[B2]		[A2] <input type="checkbox"/> Front_HVAC_AC_Req
[B3]		[A3] <input type="checkbox"/> RCD_HVAC_Ctrl_Head_Diag_Signal

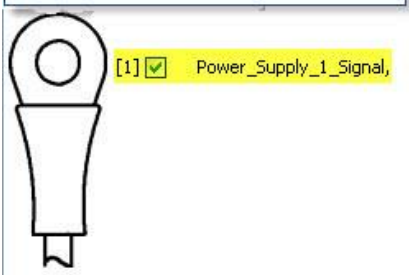
1602(J5)
Pin E16 the ground into the B/C needs to be load tested with a headlight bulb, inducing less than 0.5 voltage drop on the circuit.



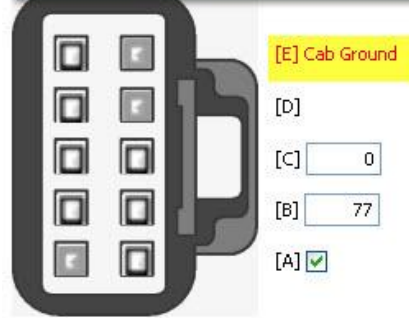
- When diagnosing any Body Controller related failure the Ignition Feed, Accessory Feed, Main Power Feed and the Grounds to the Body controller MUST BE TESTED. Missing power or ground in these locations may affect the following circuits:**
- Cruise Control Inoperative
 - Wipers Inoperative/Staying On
 - Switches/Switch packs Inoperative
 - Gauges Inoperative/Dropping out
 - Air Horn Inoperative
 - Fuel Gauge Inoperative
 - Abnormal Electrical Component Operation
 - Air Conditioning Inoperative
 - Any Electrical Circuit Tied to the Body Controller



PowerFeed (J6)
If this checkmark is missing, check the mega fuse for cracking, corrosion, or looseness.



1604(J2)
Pin E, the ground into the B/C needs to be load tested with a headlight bulb, inducing less than 0.5 voltage drop on the circuit.



What's New

[IK0800417 How to Reboot a Body Controller](#)

[IK0800414 Power Windows Stop Randomly](#)

[IK0800415 Turn Signal Troubleshooting for 2007 and Newer HPV](#)

Load Shedding		
Document #	Title	Date
IK0800092	The First Check to Make When Troubleshooting Any ESC or Body Controller Issue	08/22/2007
IK0800085	ProStar Electrical System Load Shed Feature 08XEV	04/29/2007
IK0800398	SPN 1590 FMI 19 Adaptive Cruise Control Code	10/15/2012
S08360	Load Shedding Troubleshooting Guide- ProStar and LoneStar Models Built After January 2007	12/19/2012
Body Controller		
Document #	Title	Date
IK0800092	The First Check to Make When Troubleshooting Any ESC or Body Controller Issue	08/22/2007
IK0800172	LoneStar, ProStar, 8600, and 7600 Cab Grounding	02/25/2009
IK0800098	Body Controller (BC) Lockup Due to Low Voltage. Can't Communicate to BC/ESC	09/10/2007
IK0800080	1939 Datalink Troubleshooting	08/22/2007
IK0800047	Remote Power Module (RPM) Troubleshooting on 2007 Medium Duty and ProStar	08/03/2007
S08323	Body Builder Electrical Data Book for Models Built Starting March 1, 2007	12/19/2012
DLB and Codes		
Document #	Title	Date
IK0800092	The First Check to Make When Troubleshooting Any ESC or Body Controller Issue	08/22/2007
IK0800399	How to Export DLB Fault Codes To Attach To A Case File	10/26/2012
IK0800115	How to Display Diagnostic Trouble Codes (DTC) in 2007 and Later Medium Duty and ProStar	11/02/2007
IK2600016	Changing ESC (Body Controller) Parameters in DLB	02/28/2007
IK0800279	Body Controller Software Revision 231 HVAC Improvements for Post 2007 ProStar, DuraStar, TranStar Only	04/19/2011
IK0800117	2007 Body Controller Diagnostic Trouble Codes (DTC's) and Troubleshooting	12/04/2007
IK2600036	Retrieving Fault Codes with DLB	11/07/2007
Gauge Issues		
Document #	Title	Date
IK0800092	The First Check to Make When Troubleshooting Any ESC or Body Controller Issue	08/22/2007
IK0800134	Secondary Instrument Cluster - Gauge Identification (Data Routing)	04/24/2008

IK0800178	ProStar/LoneStar Load Gauge Shows N/A in the LCD Display After Replacement of the EGC	03/09/2009
IK2600083	How to Program Mileage in Post-2007 Instrument Clusters (Single or Dual Clusters)	02/16/2009
IK0800130	Air Pressure Gauges and A/C Pressure Transducer Troubleshooting on Post-2007 HPV and ProStar	03/03/2008
IK1900193	Post 2010 A/C Pressure Transducer Diagnostics	06/07/2012

Wiper/Windshield Washer

Document #	Title	Date
IK0800092	The First Check to Make When Troubleshooting Any ESC or Body Controller Issue	08/22/2007
IK1900088	Wiper Troubleshooting on 2007 HPV and Prostar	03/04/2008
IK0800185	Wipers and Aftermarket Lights Inop on Post 2007 Trucks with Body Controller	06/09/2009
S08360	Windshield Wiper/ Washer Troubleshooting Guide- ProStar and LoneStar Models Built after January 2007, Includes 2010 Model	12/19/2012
S08324	ELECTRICAL SYSTEM TROUBLESHOOTING GUIDE - 3200, 4100, 4200, 4300, 4400, 7300, 7400, 7500, 7600, 7700, 8500, 8600, CXT, DuraStar, RXT, TranStar, and WorkStar Models Built After 03/01/2007	12/19/2012

Lighting Systems

Document #	Title	Date
IK0800092	The First Check to Make When Troubleshooting Any ESC or Body Controller Issue	08/22/2007
IK0800412	Headlight Operation and Troubleshooting	01/02/2013
IK0800348	Combined or Seperate Turn and Stop Lights	02/27/2012
IK0800059	Brake Lights Staying On	02/14/2007
IK0400056	07 and Newer Brake Light Operation on HPV with Full Power Brakes	01/09/2009
IK0400057	07 and Newer Brake Light Operation on HPV, Prostar and Lonestar with Air Brakes	02/11/2009

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