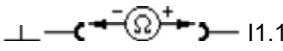
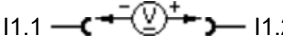
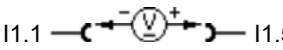
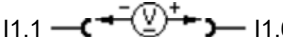
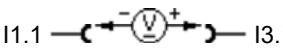
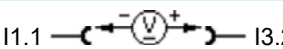
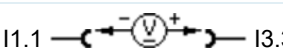
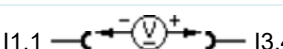
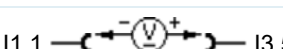
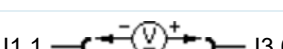
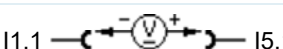
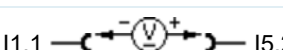
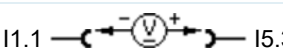
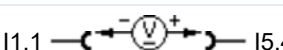
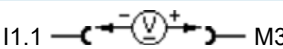


All values measured to ground unless otherwise noted				
Conn./Plug/Pin	Pin Information	Test Equipment/Pins	Conditions	Test values/Comments
<a href="#">N10/11</a>				
I1.1	Main ground to W15/1	 I1.1		0 Ohm
I1.2	Right high beam solenoid power output	I1.1  I1.2		
I1.3	Pin not used			
I1.4	CAN Class B bus (low side)			<b>Note 1</b>
I1.8	CAN Class B bus (high side)			See pin I1.4
I1.5	Circuit 30 power supply input	I1.1  I1.5		12 VDC at all times
I1.6	Circuit 15 power supply input	I1.1  I1.6	Ignition: On	12 VDC
I1.7	Pin not used			
I2.1-2	Pins not used			
I2.3	Circuit 15 signal	No test information available		
I2.4	Circuit 15R signal	No test information available		
I3.1	Right front turn signal lamp voltage supply	I1.1  I3.1	Hazard flasher on	12 VDC intermittent E2e5 flashes <b>Note 2</b>
I3.2	Right high beam lamp voltage supply	I1.1  I3.2	High beam light on (E2e1)	12 VDC
I3.3	Coolant circulation pump voltage supply output	I1.1  I3.3	Pump is running	12 VDC
I3.4	Right front standing/parking lamp voltage supply	I1.1  I3.4	Right standing/parking lights on	12 VDC E2e3 illuminated
I3.5	Right fog lamp voltage supply	I1.1  I3.5	Front fog lights on	12 VDC E5/2 illuminated
I3.6	Right low beam lamp voltage supply	I1.1  I3.6	Low beam lights on	12 VDC E2e2 illuminated
I5.1	Power output to left front seat heated cushion	I1.1  I5.1		12 VDC when heated seats activated
I5.2	Circuit 30 main power input	I1.1  I5.2		12 VDC at all times
I5.3	Power output to right front seat heated cushion	I1.1  I5.3		12 VDC when heated seats activated
I5.4	Circuit 30 main power input	I1.1  I5.4		12 VDC at all times
M3.1	Radiator shutter control module voltage supply	I1.1  M3.1	Ignition: On	12 VDC

M3.2-4	Pins not used			
<b>Note 1</b>	Mid speed data transfer bus input and output, shares data with upper control panel.	No reliable test. Also check continuity to other ECMs.		5 VAC when data is on bus.
<b>Note 2</b>	Turn signal/hazard warning flasher frequencies: 1.5 Hz (90/min) with all turn lights ok. 3.0 Hz (180/min) one or more turn lights defective.			