



# Security Alarm System

## Control Unit Input Test (cont'd)

No.	Wire	Test condition	Test: Desired result	Possible cause (If result is not obtained)
8	BLU/RED <sup>2</sup>	Under all conditions.	Attach to ground: Headlights should come on.	<ul style="list-style-type: none"> <li>Faulty headlight relay.</li> <li>Faulty lighting system.</li> <li>An open in the wire.</li> </ul>
9	RED/GRN	Under all conditions.	Connect to ground: Tailights should come on.	<ul style="list-style-type: none"> <li>Faulty taillight relay.</li> <li>Faulty taillight system.</li> <li>An open in the wire.</li> </ul>
10	YEL/RED	Hood open.	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> <li>Faulty hood switch. Misadjusted hood switch.</li> <li>Poor ground (G153).</li> <li>An open in the wire.</li> </ul>
		Hood closed.	Check for continuity to ground: There should be no continuity.	
11	BLU/GRN	Trunk lid open.	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> <li>Faulty trunk latch switch.</li> <li>Poor ground (G451).</li> <li>An open in the wire.</li> </ul>
		Trunk lid closed.	Check for continuity to ground: There should be no continuity.	
12	GRN/BLU	Driver's door open.	Check for continuity to ground: When the door is open, there should be continuity, and when the door is closed, there should be no continuity.	<ul style="list-style-type: none"> <li>Faulty driver's door or right front door switches.</li> <li>An open in the wire.</li> </ul>
		Driver's door closed.		
13	GRN/RED <sup>3</sup>	Right front door open.	Check for continuity to ground: When the door is open, there should be continuity, and when the door is closed, there should be no continuity.	<ul style="list-style-type: none"> <li>Faulty rear door switches.</li> <li>An open in the wire.</li> </ul>
		Right front door closed.		
14	GRN/YEL	Left rear door open.	Check for continuity to ground: When the door is open, there should be continuity, and when the door is closed, there should be no continuity.	<ul style="list-style-type: none"> <li>Faulty rear door switches.</li> <li>An open in the wire.</li> </ul>
		Left rear door closed.		
15	GRN/WHT <sup>1</sup>	Right rear door open.	Check for continuity to ground: When the door is open, there should be continuity, and when the door is closed, there should be no continuity.	<ul style="list-style-type: none"> <li>Faulty rear door switches.</li> <li>An open in the wire.</li> </ul>
		Right rear door closed.		



Reconnect the 22-P and 16-P connectors to the control unit.

No.	Wire	Test condition	Test: desired result	Possible cause (If result is not obtained)
16	BLU/WHT	Ignition key is inserted into the ignition switch.	Check for voltage to ground: There should be 1V or less.	<ul style="list-style-type: none"> <li>Faulty ignition key switch.</li> <li>Poor ground (G301, G302).</li> <li>An open in the wire.</li> </ul>
		Ignition key is removed from the ignition switch.	Check for voltage to ground: There should be 1V or more.	
17	GRN/WHT or LT GRN	Under all conditions.	Check for voltage to ground: There should be 1V or less.	<ul style="list-style-type: none"> <li>Poor ground (G502).</li> <li>An open in the wire.</li> </ul>
18	GRN/RED <sup>1</sup>	Trunk key in UNLOCK.	Check for voltage to ground: There should be 1V or less.	<ul style="list-style-type: none"> <li>Faulty trunk key.</li> <li>Poor ground (G451).</li> <li>An open in the wire.</li> </ul>
19	GRN/RED <sup>2</sup>	Driver's door key in UNLOCK.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>Faulty driver's door or right front door key switches.</li> <li>Poor ground (G301, G302, G304).</li> <li>An open in the wire.</li> </ul>
20	GRN/BLU <sup>1</sup>	Right front door key in UNLOCK.		
21	GRN/YEL <sup>1</sup>	Driver's door key in LOCK.	Check for voltage to ground: There should be 1 V or less, as the door keylock is turned in LOCK.	<ul style="list-style-type: none"> <li>Faulty driver's door or right front door key switches.</li> <li>Poor ground (G301, G302, G304).</li> <li>An open in the wire.</li> </ul>
22	GRN/WHT <sup>2</sup>	Right front door key in LOCK.		
23	GRN/BLK	Driver's door lock knob in UNLOCK.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>Faulty driver's door lock knob switch (built in the actuator).</li> <li>Poor ground (G301, G302).</li> <li>An open in the wire.</li> </ul>
24	BLU/RED <sup>3</sup>	Right front door lock knob in UNLOCK.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>Faulty right front door lock knob switch (built in the actuator).</li> <li>Poor ground (G304).</li> <li>An open in the wire.</li> </ul>
25	RED/BLU	Left rear door lock knob in UNLOCK.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>Faulty left rear door lock knob switch (built in the actuator).</li> <li>Poor ground (G251).</li> <li>An open in the wire.</li> </ul>
26	RED/BLU <sup>1</sup>	Right rear door lock knob in UNLOCK.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>Faulty right rear door lock knob switch (built in the actuator).</li> <li>Poor ground (G304).</li> <li>An open in the wire.</li> </ul>