

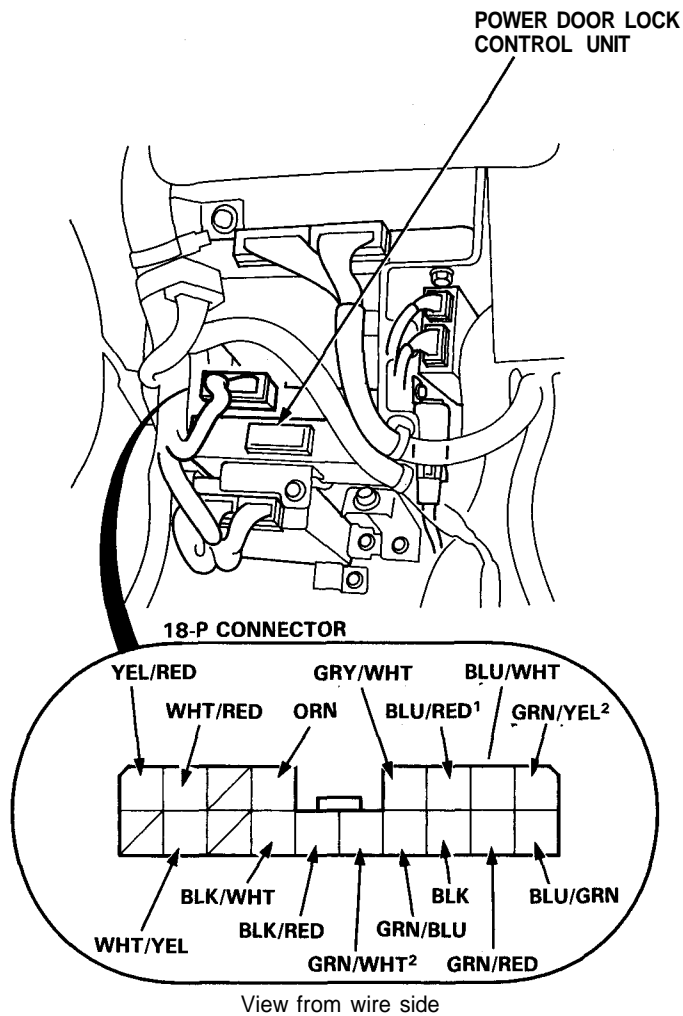
# Power Door Locks

## Control Unit Input Test

Remove the glove box, then disconnect the 18-P connector from the control unit.

Inspect the connector terminals to be sure they are all making good contact.

- If the terminals are bent, loose, or corroded, repair them as necessary, and recheck the system.
- If the terminals look OK, make the following input tests at the connector.
  - If any test indicates a problem, find and correct the cause, then recheck the system.
  - If all the input tests prove OK, the control unit must be faulty; replace it.





No.	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
1	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> <li>• Poor ground (G401, G402, G403)</li> <li>• An open in the wire</li> </ul>
2	ORN	Under all conditions	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 35 (20 A) fuse</li> <li>• An open in the wire</li> </ul>
3	GRN/WHT <sup>2</sup>	Driver's door lock switch in LOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty driver's door lock switch</li> <li>• Poor ground (G401, G402, G403)</li> <li>• An open in the wire</li> </ul>
	WHT/YEL	Driver's door lock switch in UNLOCK		
4	BLK/WHT	Passenger's door lock switch in LOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty passenger's door lock switch</li> <li>• Poor ground (G401, G402, G403)</li> <li>• An open in the wire</li> </ul>
	BLK/RED	Passenger's door lock switch in UNLOCK		
5	BLU/WHT	Driver's door lock knob in LOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty driver's door lock actuator</li> <li>• Poor ground (G401, G402, G403)</li> <li>• An open in the wire</li> </ul>
	BLU/RED <sup>1</sup>	Driver's door lock knob in UNLOCK		
6	GRY/WHT	Passenger's door lock key cylinder switch in LOCK	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty passenger's door lock actuator</li> <li>• Poor ground (G401, G402, G403)</li> <li>• An open in the wire</li> </ul>
	GRN/YEL <sup>2</sup>	Passenger's door lock key cylinder switch in UNLOCK		
7	GRN/BLU	Driver's door open	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty door switch</li> <li>• Poor ground (G401, G402, G403)</li> <li>• An open in the wire</li> </ul>
	GRN/RED	Passenger's door open		
8	BLU/GRN	Ignition key is inserted into the ignition switch.	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty ignition key switch</li> <li>• Poor ground (G401, G402, G403)</li> <li>• An open in the wire</li> </ul>
9	WHT/RED and YEL/RED	Connect the ORN terminal to the WHT/RED terminal, and the YEL/RED terminal to the BLK terminal momentarily.	Check door lock operation: Both doors should lock as power and ground are connected momentarily.	<ul style="list-style-type: none"> <li>• Faulty actuator</li> <li>• An open in the wire</li> </ul>
		Connect the ORN terminal to the YEL/RED terminal, and the WHT/RED terminal to the BLK terminal momentarily.	Check door lock operation: Both doors should unlock as power and ground are connected momentarily.	

**CAUTION:** To prevent damage to the motor, connect power and ground only momentarily.