

# Power Door Locks

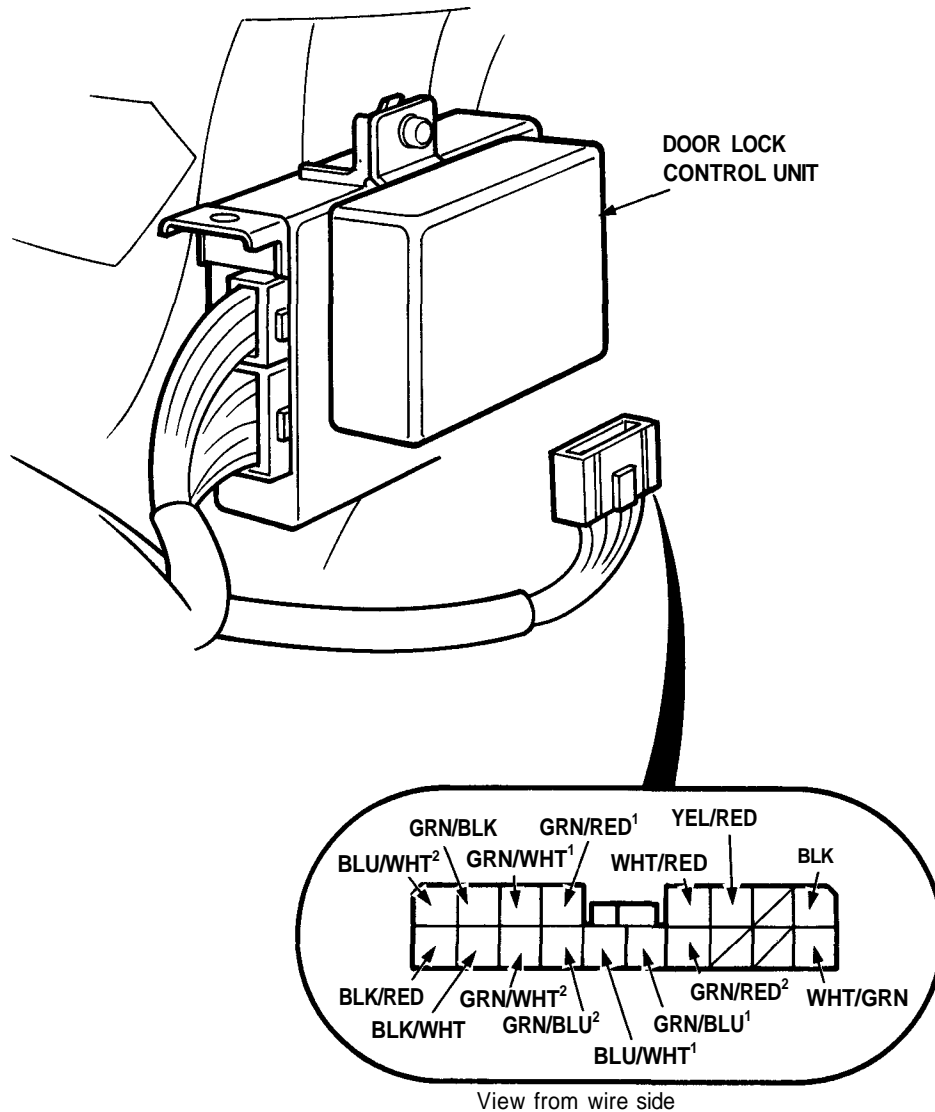
## Control Unit Input Test

Remove the dashboard lower cover, then disconnect the 18-P connector from the control unit.

Make the following input tests at the connector terminals.

**NOTE:**

- Recheck the connections between the 18-P connector and the control unit, then replace the control unit if all input tests prove OK.
- Several different wires have the same color. They have been given a number suffix to distinguish them (forexample, GRN/RED<sup>1</sup> and GRN/RED<sup>2</sup> are not the same.)





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 (G301, 302, 303).</li> <li>• An open in the wire.</li> </ul>
2	WHT/GRN	Under all conditions.	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 44 (20 A) fuse.</li> <li>• An open in the wire.</li> </ul>
3	GRN/WHT <sup>1</sup>	Left front door lock switch in LOCK.	Check for voltage to ground: It should go from battery voltage to 1V or less.	<ul style="list-style-type: none"> <li>• Faulty left front door lock switch.</li> <li>• Poor ground (G301, 302, 303).</li> <li>• An open in the wire.</li> <li>• Short to ground</li> </ul>
	GRN/RED <sup>1</sup>	Left front door lock switch in UNLOCK.		
4	BLK/WHT	Right front door lock switch in LOCK.	Check for voltage to ground: It should go from battery voltage to 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty right front door lock switch.</li> <li>• Poor ground (G304).</li> <li>• An open in the wire.</li> <li>• Short to ground.</li> </ul>
	BLK/RED	Right front door lock switch in UNLOCK.		
5	BLU/WHT <sup>2</sup>	Left front door lock knob in LOCK.	Check for voltage to ground: It should go from battery voltage to 1V or less.	<ul style="list-style-type: none"> <li>• Faulty left front door lock actuator.</li> <li>• Poor ground (G301, 302, 303).</li> <li>• An open in the wire.</li> <li>• Short to ground.</li> </ul>
	GRN/BLK	Left front door lock knob in UNLOCK.		
6	GRN/BLU <sup>1</sup>	Left front door open.	Check for continuity to ground: There should be continuity. NOTE: Before testing, remove NO. 56 (7.5 A) fuse.	<ul style="list-style-type: none"> <li>• Faulty left front door switch.</li> <li>• Poor ground (G301, 302, 303, 304).</li> <li>• An open in the wire.</li> </ul>
	GRN/RED <sup>2</sup>	Right front door open.		
7	BLU/WHT	Ignition key is inserted into the ignition switch.	Check for voltage to ground: It should go from battery voltage to 1 V or less.	<ul style="list-style-type: none"> <li>• Faulty ignition key switch.</li> <li>• Poor ground (G301, 302, 303).</li> <li>• An open in the wire.</li> </ul>
8	GRN/WHT <sup>2</sup>	Right front door key cylinder in LOCK.	Check for voltage to ground: It should go from battery voltage to 1V or less.	<ul style="list-style-type: none"> <li>• Faulty right front door key cylinder.</li> <li>• Poor ground (G304).</li> <li>• An open in the wire.</li> </ul>
	GRN/BLU <sup>2</sup>	Right front door key cylinder in UNLOCK.		
9	WHT/RED and YEL/RED	Connect the YEL/RED terminal to the WHT/GRN terminal, and the WHT/RED terminal to the BLK terminal momentarily.	Check door lock operation: All doors should unlock as the battery is connected momentarily.	<ul style="list-style-type: none"> <li>• Faulty actuator.</li> <li>• An open in the wire.</li> </ul>
		Connect the WHT/RED terminal to the WHT/GRN terminal, and the YEL/RED terminal to the BLK terminal momentarily.	Check door lock operation: All doors should lock as the battery is connected momentarily.	

CAUTION: To prevent damage to the motor, apply battery voltage only momentarily.