

Power Door Locks

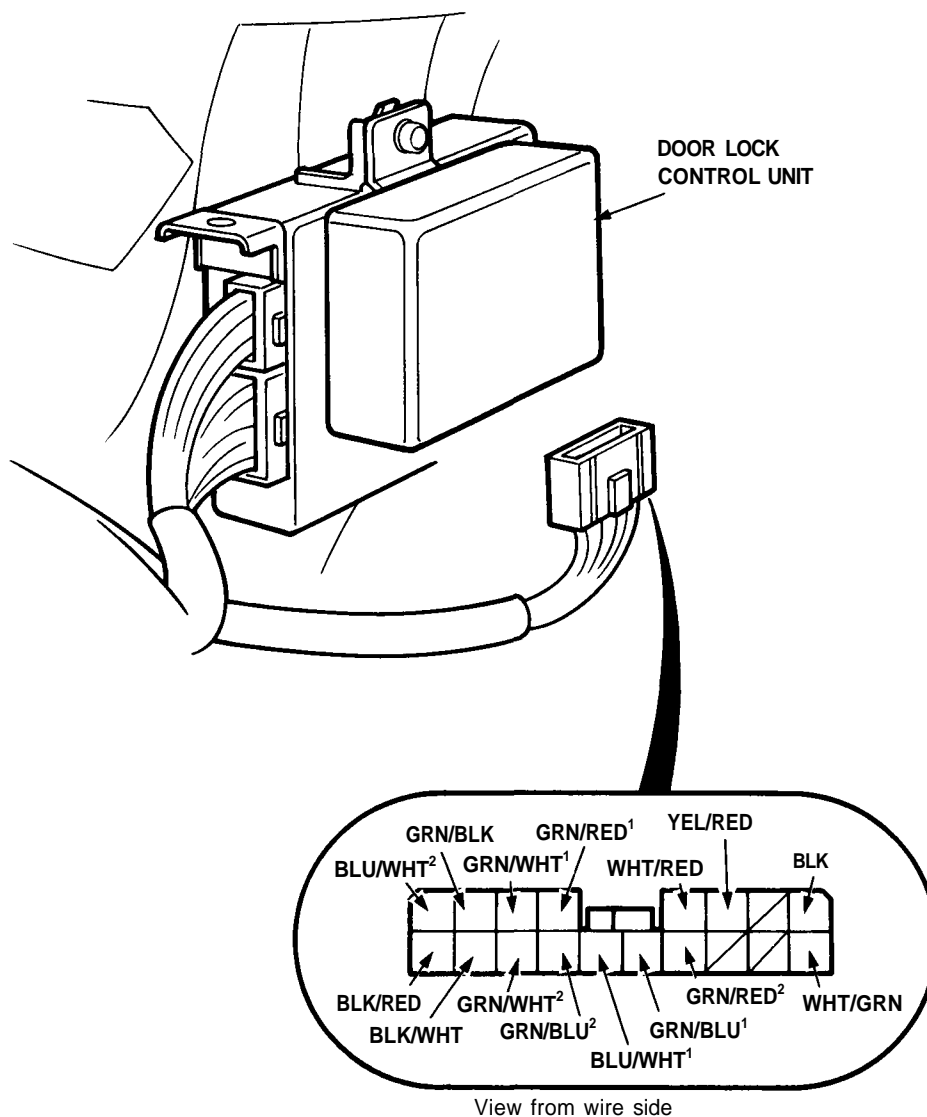
Control Unit Input Test

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 (for example, GRN/RED¹ and GRN/RED² 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"> • Poor ground (G301). • An open in the wire.
2	WHT/GRN	Under all conditions.	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 44 (20 A) fuse. • An open in the wire.
3	GRN/WHT ¹	Driver's 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"> • Faulty driver's door lock switch. • Poor ground (G301). • An open in the wire. • Short to ground
	GRN/RED ¹	Driver's door lock switch in UNLOCK.		
4	BLK/WHT	Front passenger's 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"> • Faulty front passenger's door lock switch. • Poor ground (G304). • An open in the wire. • Short to ground.
	BLK/RED	Front passenger's door lock switch in UNLOCK.		
5	BLU/WHT ²	Driver's 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"> • Faulty driver's door lock actuator. • Poor ground (G304). • An open in the wire. • Short to ground.
	GRN/BLK	Driver's door lock knob in UNLOCK		
6	GRN/BLU ¹	Driver's 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"> • Faulty driver's door switch. • Poor ground (G301). • An open in the wire.
	GRN/RED ²	Front passenger's 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"> • Faulty ignition key switch. • Poor ground (G301). • An open in the wire.
8	GRN/WHT ²	Front passenger's 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"> • Faulty front passenger's door key cylinder. • Poor ground (G304). • An open in the wire.
	GRN/BLU ²	Front passenger's 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"> • Faulty actuator. • An open in the wire.
		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.