

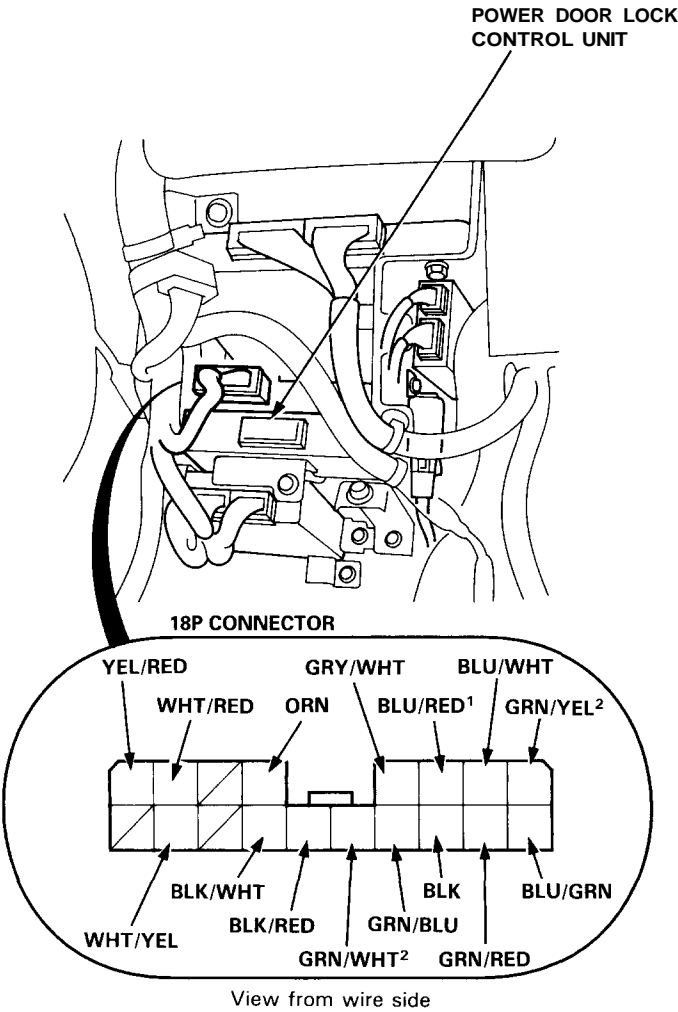
Power Door Locks

Control Unit Input Test

Remove the glove box, then disconnect the 18P 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.





Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
BLK	Under all conditions	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> • Poor ground (G401, G402, G403) • An open in the wire
ORN	Under all conditions	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 35 (20 A) fuse • An open in the wire
GRN/WHT ²	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"> • Faulty driver's door lock switch • Poor ground (G401, G402, G403) • An open in the wire
WHT/YEL	Driver's door lock switch in UNLOCK		
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"> • Faulty passenger's door lock switch • Poor ground (G401, G402, G403) • An open in the wire
BLK/RED	Passenger's door lock switch in UNLOCK		
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"> • Faulty driver's door lock actuator • Poor ground (G401, G402, G403) • An open in the wire
BLU/RED ¹	Driver's door lock knob in UNLOCK		
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"> • Faulty passenger's door lock actuator • Poor ground (G401, G402, G403) • An open in the wire
GRN/YEL ²	Passenger's door lock key cylinder switch in UNLOCK		
GRN/BLU	Driver's door open	Check for voltage to ground: There should be 1 V or less.	<ul style="list-style-type: none"> • Faulty door switch • Poor ground (G401, G402, G403) • An open in the wire
GRN/RED	Passenger's door open		
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"> • Faulty ignition key switch • Poor ground (G401, G402, G403) • An open in the wire
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"> • Faulty actuator • An open in the wire
	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.