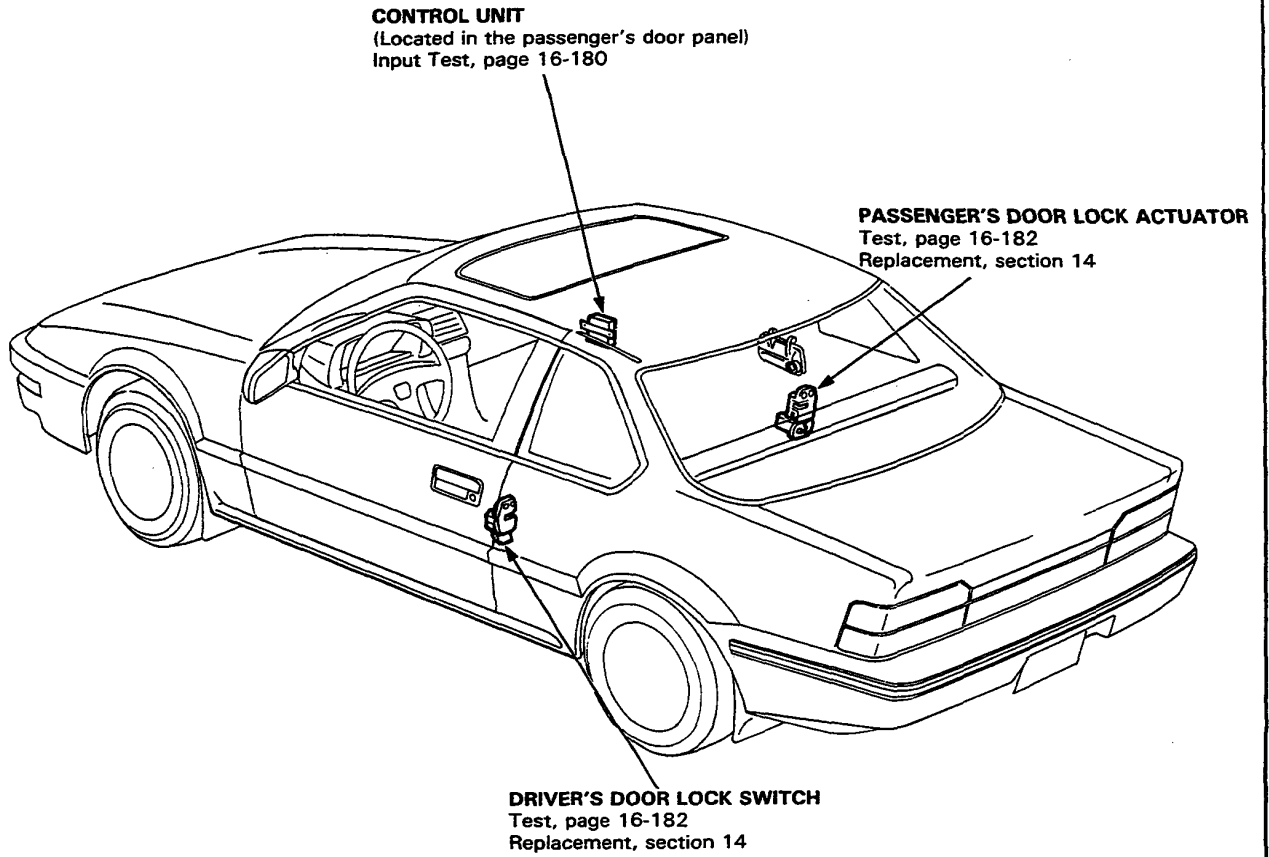


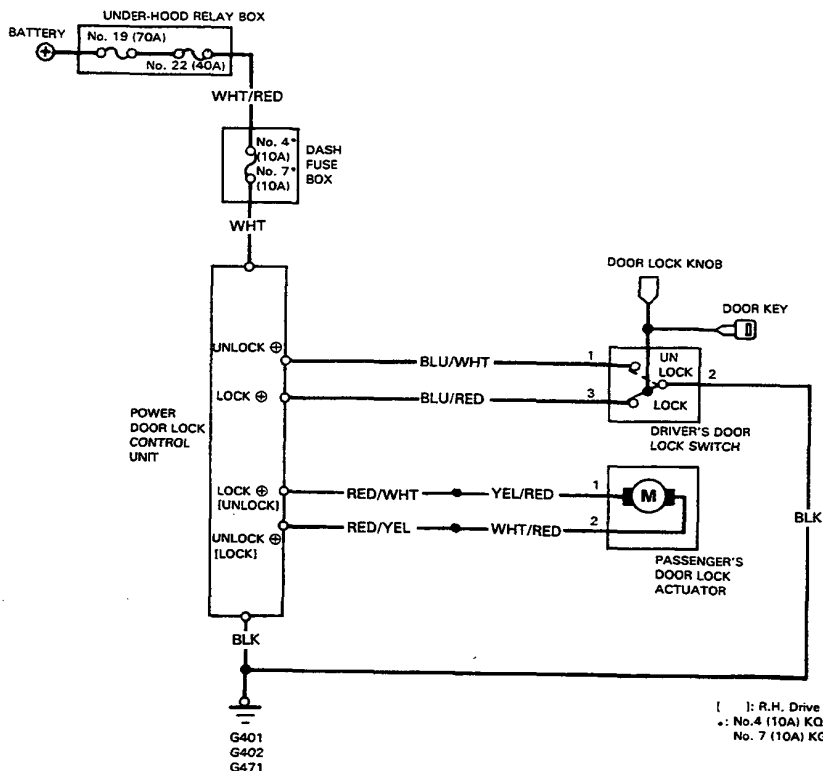
# Power Door Locks

## Component Location Index





## Circuit Diagram



## Troubleshooting

NOTE: The numbers in the table show the troubleshooting sequence.

Item to be inspected								
Symptom	Blown No. 22 (40 A) fuse (in the under-hood relay box)	Blown No. 4* (10 A), No. 7* (10 A) fuse (in the dash fuse box)	Disconnected or obstructed door lock rod/linkage	Passenger's door lock actuator	Driver's door lock switch	Control unit input	Poor ground	Open circuit in wires or loose or disconnected terminals
	Power door lock system doesn't operate at all.	1	2			3	G401, 402, 471	
Passenger's door doesn't lock or unlock with the driver's door lock knob or door key.			1	3	2	4		BLU/WHT, BLU/YEL RED/WHT, RED/YEL YEL/RED, WHT/RED

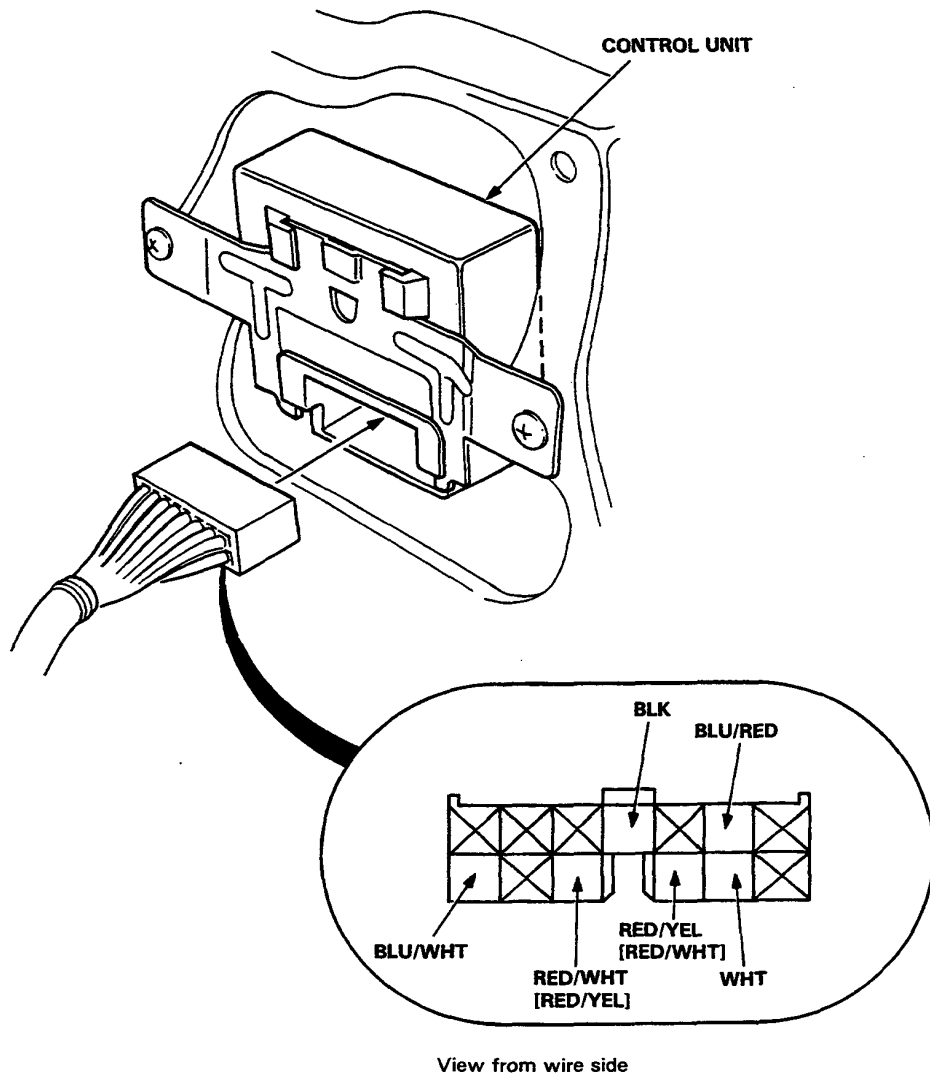
# Power Door Locks

## Control Unit Input Test

Remove the passenger's door trim panel, then disconnect the 13-P connector from the control unit. Make the following input tests at the harness pins.

**NOTE:** Recheck the connections between the 13-P connector and the control unit, then replace the control unit if all input tests prove OK.

[ ]: R.H.Drive





No.	Wire	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	BLK	Under all conditions.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> <li>• Poor ground (G401, 402, 471).</li> <li>• An open in the wire.</li> </ul>
2	WHT	Under all conditions.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 22 (40 A) or No. 4* (10 A) No. 7* (10 A) fuse.</li> <li>• An open in the wire.</li> </ul>
3	BLU/RED	Door lock switch in LOCK.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> <li>• Faulty door lock switch.</li> <li>• Poor ground (G401, 402, 471).</li> <li>• An open in the wire.</li> </ul>
	BLU/WHT	Door lock switch in UNLOCK.		
4	RED/WHT [RED/YEL] RED/YEL [RED/WHT]	Connect the RED/WHT [RED/YEL] terminal to the WHT terminal, and the RED/YEL [RED/WHT] terminal to the BLK terminal momentarily.	Check door lock operation: Passenger's door should lock 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 RED/YEL [RED/WHT] terminal to the WHT terminal, and the RED/WHT [RED/YEL] terminal to the BLK terminal momentarily.	Check door lock operation: Passenger's door should unlock as the battery is connected momentarily.	

[ ]: R.H.Drive

\*: No. 4 (10 A) KQ, KS, KT, KW, KY models

: No. 7 (10 A) KG, KE, KX, KB, KQ models

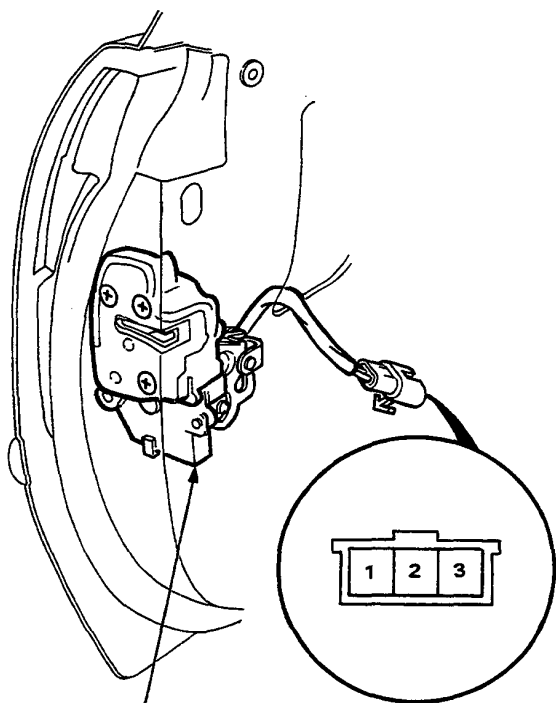
# Power Door Locks

## Door Lock Switch Test

1. Remove the driver's door trim panel.
2. Disconnect the 3-P connector from the switch.
3. Check for continuity between the terminals in each switch position according to the tables.

### Door Lock Switch

Terminal Position	1	2	3
UNLOCK		○ — ○	○
OFF			
LOCK	○ — ○		



DOOR LOCK SWITCH

View from terminal side

## Passenger's Door Actuator Test

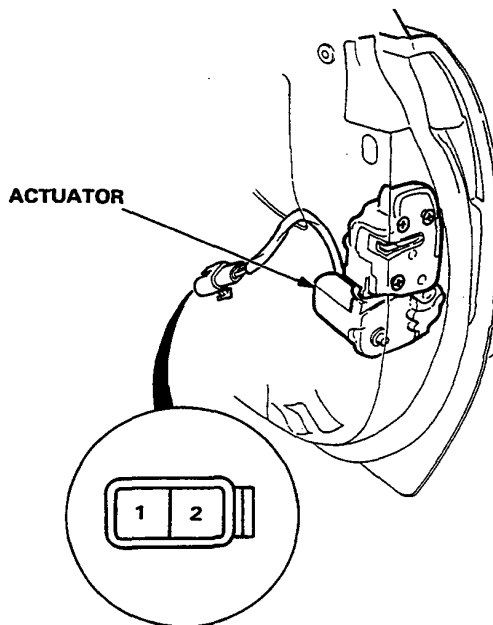
1. Remove the door trim panel.
2. Disconnect the 4-P connector from the actuator.
3. Test actuator operation:

**LOCK:** With battery positive connected to the No. 1 [2] terminal, connect negative to the No. 2 [1] terminal momentarily.

**UNLOCK:** With battery positive connected to the No. 2 [1] terminal, connect negative to the No. 1 [2] terminal momentarily.

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

[ ]: R.H.Drive



ACTUATOR

View from terminal side

4. If the actuator fails to operate properly, replace it.