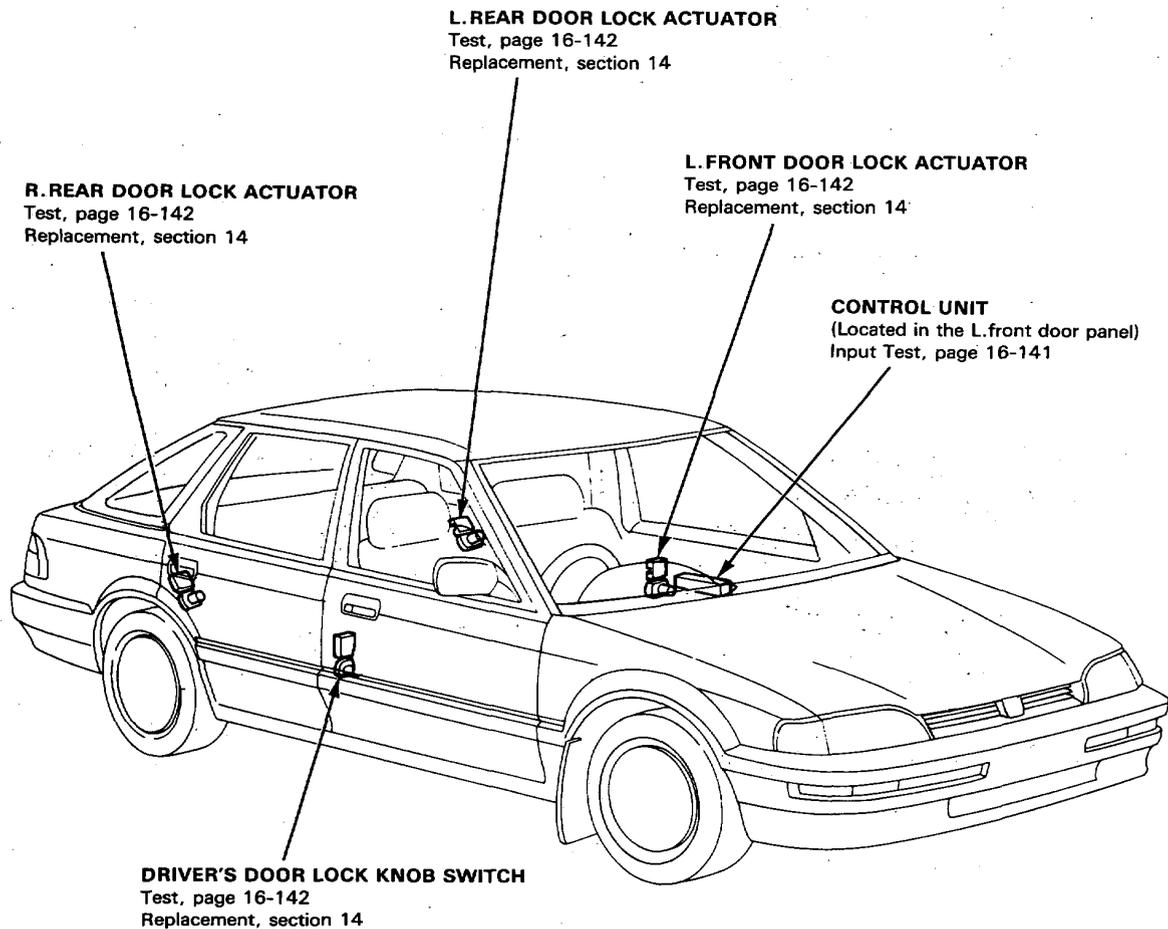


Power Door Locks

Component Location Index

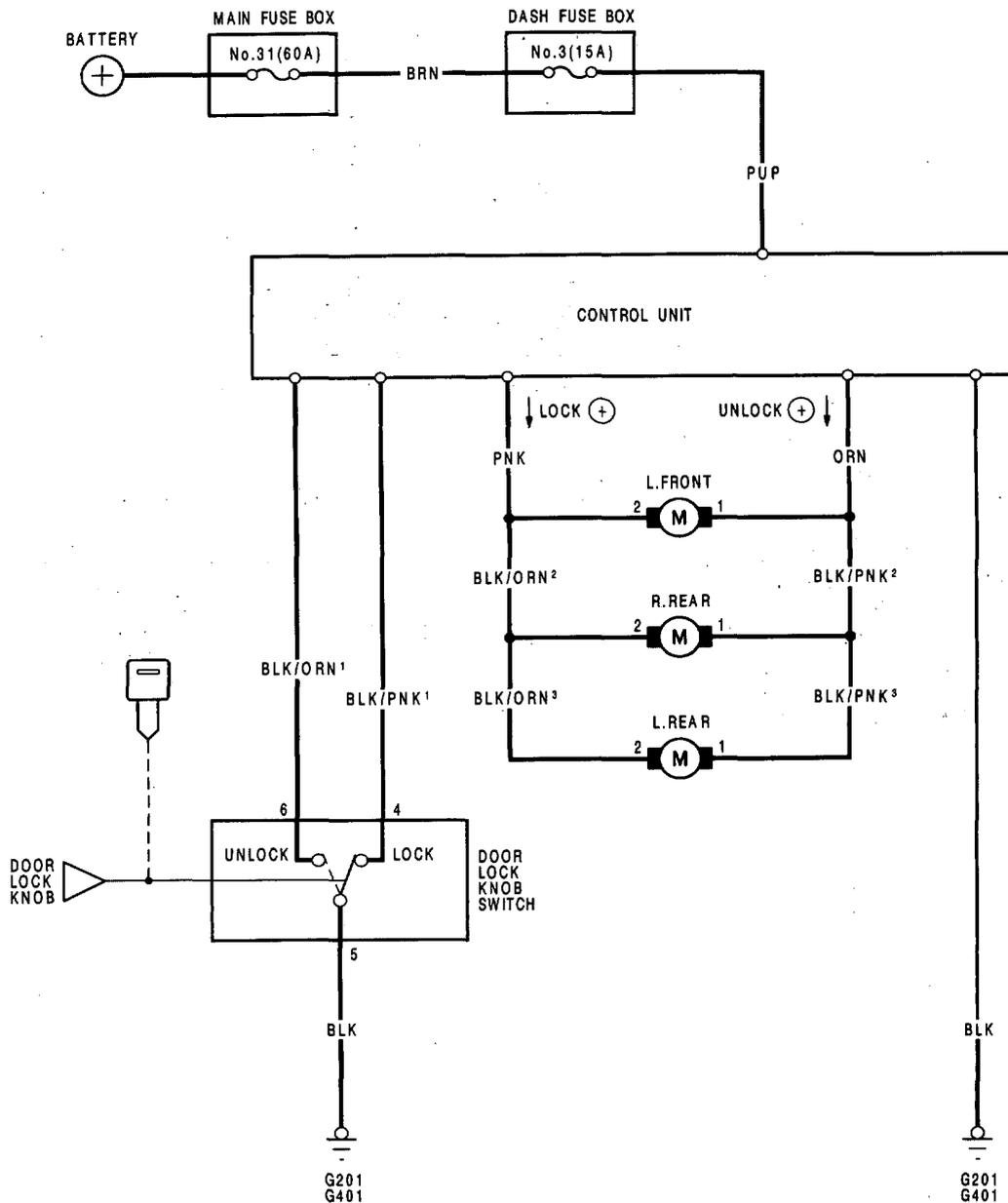
• Troubleshooting, page 16-129





Circuit Diagram

NOTE: Several different wires have the same color. They have been given a number suffix to distinguish them (for example BLK/ORN¹ and BLK/ORN² are not same).



Power Door Locks

Troubleshooting

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

Symptom		Item to be inspected							Open circuit in wires or loose or disconnected terminals
		Blown No.3 (15A) fuse (in the dash fuse box)	Door lock knob switch	Control unit input	Passenger door actuator	Disconnected or obstructed door lock rod/linkage	Poor ground		
Power door lock system do not operate at all.		1		2			G201 G401	BRN or PUP	
Doors do not lock or unlock with driver's door lock knob switch.	All passenger doors.	1	2	3		4	G201 G401	BLK/ORN ¹ , BLK/PNK ¹ PNK or ORN	
	One or more passenger door..				1			PNK, ORN BLK/ORN ² or BLK/PNK ²	

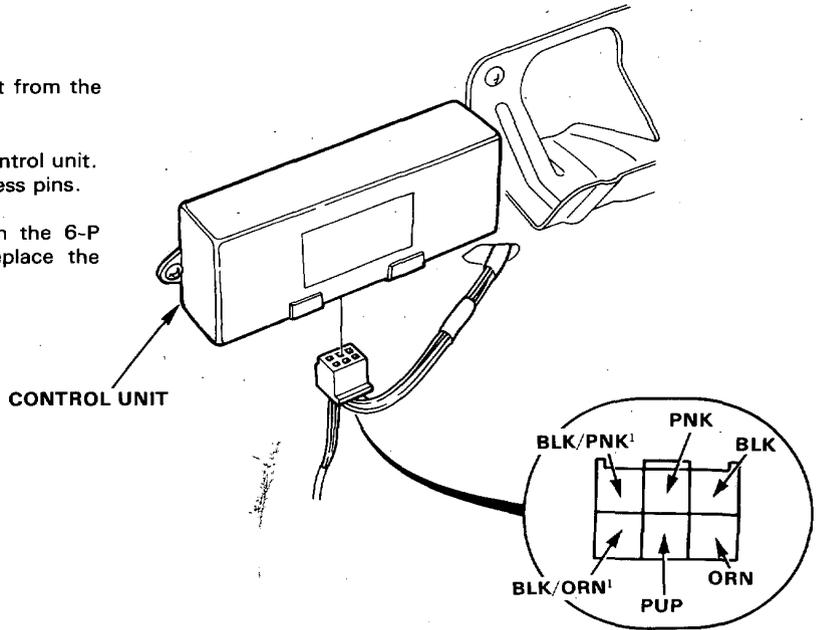
CAUTION: To prevent damage to the motor, apply battery voltage momentarily.



Control Unit Input Test

1. Remove the L.front door trim panel.
2. Remove the 2 screws and the control unit from the door panel.
3. Disconnect the 6-P connector from the control unit. Make the following input tests at the harness pins.

NOTE : Recheck the connections between the 6-P connector and the control unit, then replace the control unit if all input tests prove OK.



View from wire side

No.	Terminal	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"> • Poor ground (G201, G401) • An open in the wire.
2	PUP	Under all conditions.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No.3 (15A) fuse. • An open in the wire.
3	BLK/PNK¹	Driver's door lock knob in LOCK.	Check for continuity to ground : should be continuity.	<ul style="list-style-type: none"> • Faulty door lock knob switch. • Poor ground (G201, G401). • An open in the wire.
4	BLK/ORN¹	Driver's door lock knob in UNLOCK.	Check for continuity to ground : should be continuity.	<ul style="list-style-type: none"> • Faulty door lock knob switch. • Poor ground (G201, G401). • An open in the wire.
5	ORN and PUP	Connect the PUP terminal to the PNK terminal, and the ORN terminal to the BLK terminal momentarily.	Check door lock operation : Passenger doors should lock as the battery in connected momentarily.	<ul style="list-style-type: none"> • Faulty actuators. • An open in the wire.
		Connect the PUP terminal to the ORN terminal, and the PNK terminal to the BLK terminal momentarily.	Check door lock operation : Passenger doors should unlock as the battery is connected momentarily.	

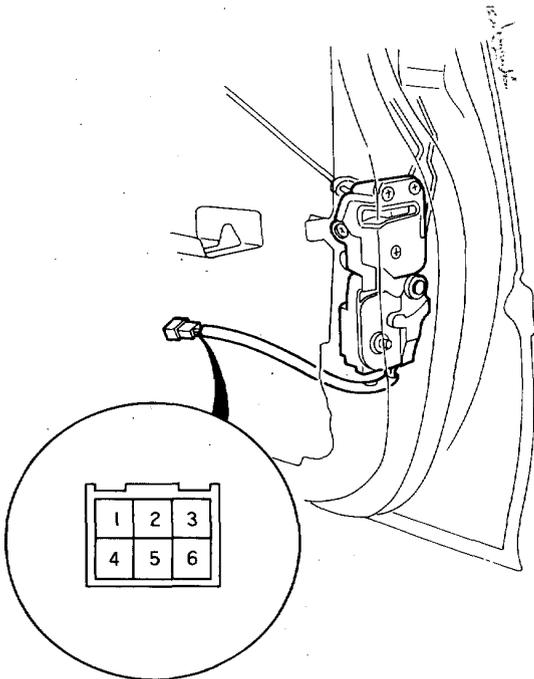
CAUTION : To prevent damage to the motor, apply battery voltage momentarily.

Power Door Locks

Door Lock Knob Switch Test

1. Remove the driver's door trim panel.
2. Disconnect the 6-P connector from the switch.
3. Check for continuity between the terminals in each switch position according to the table.

Terminal	4	5	6
Position			
UNLOCK		○ — ○	○
LOCK	○ — ○		

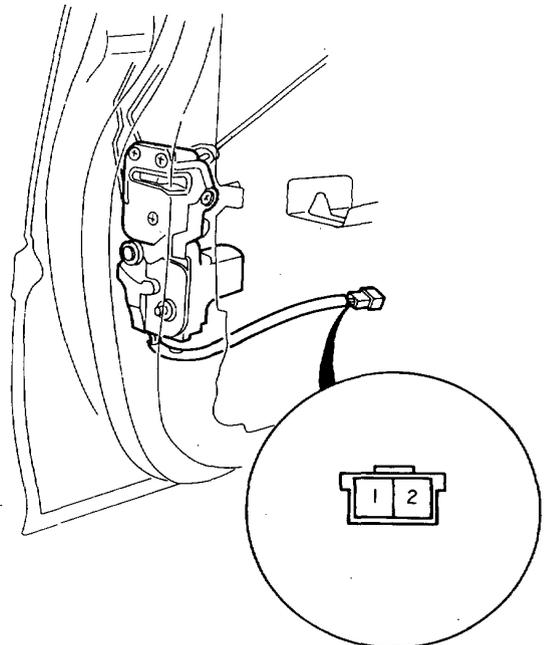


View from wire side

Passenger Door Actuator Test

1. Remove the door trim panel.
2. Disconnect the 2-P connector from the actuator.
3. Test actuator operation by applying battery voltage to the No. 1 and No. 2 terminals.
Test the actuator in each direction, by switching the leads from the battery.

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



View from wire side