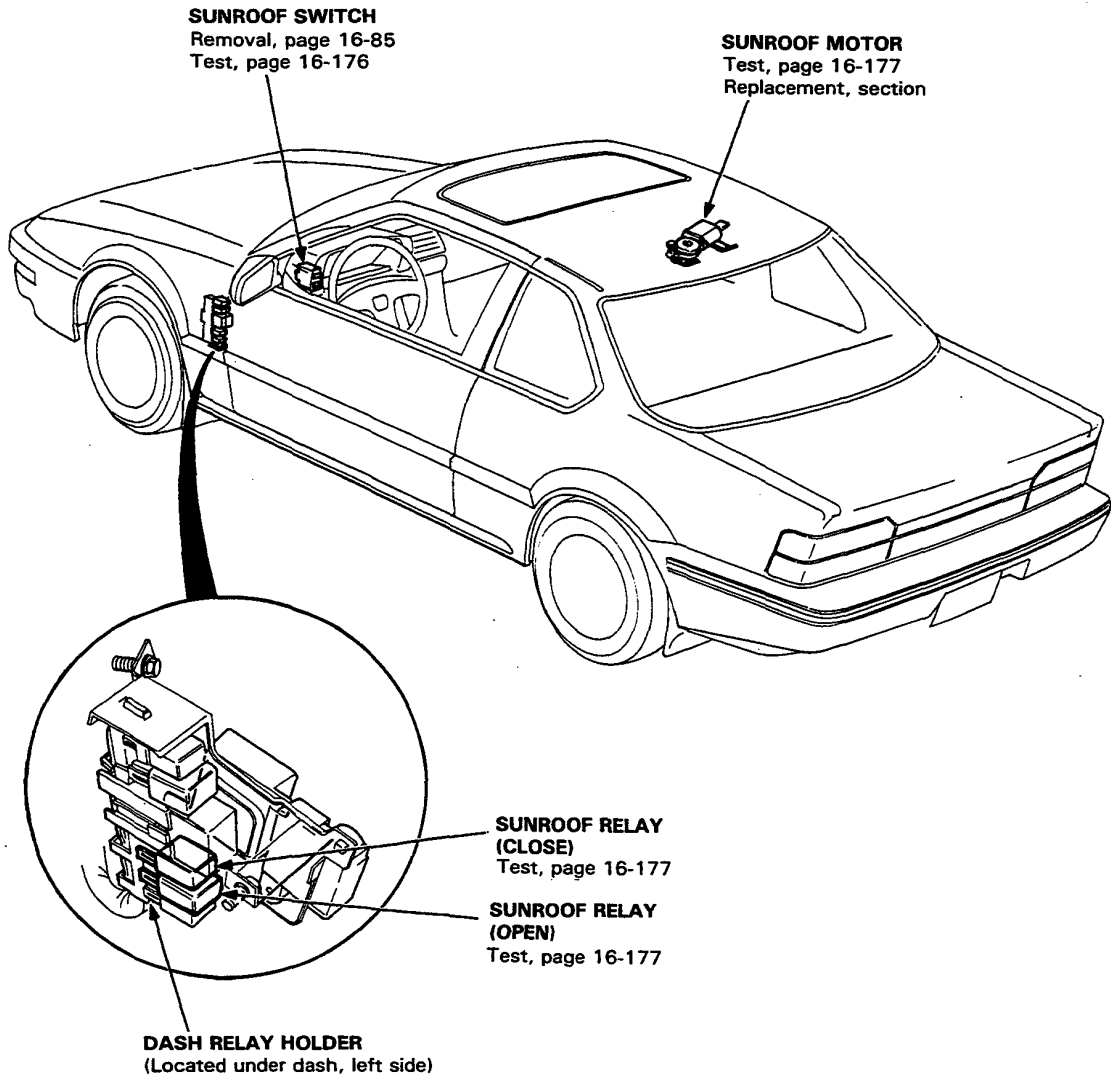


Sunroof

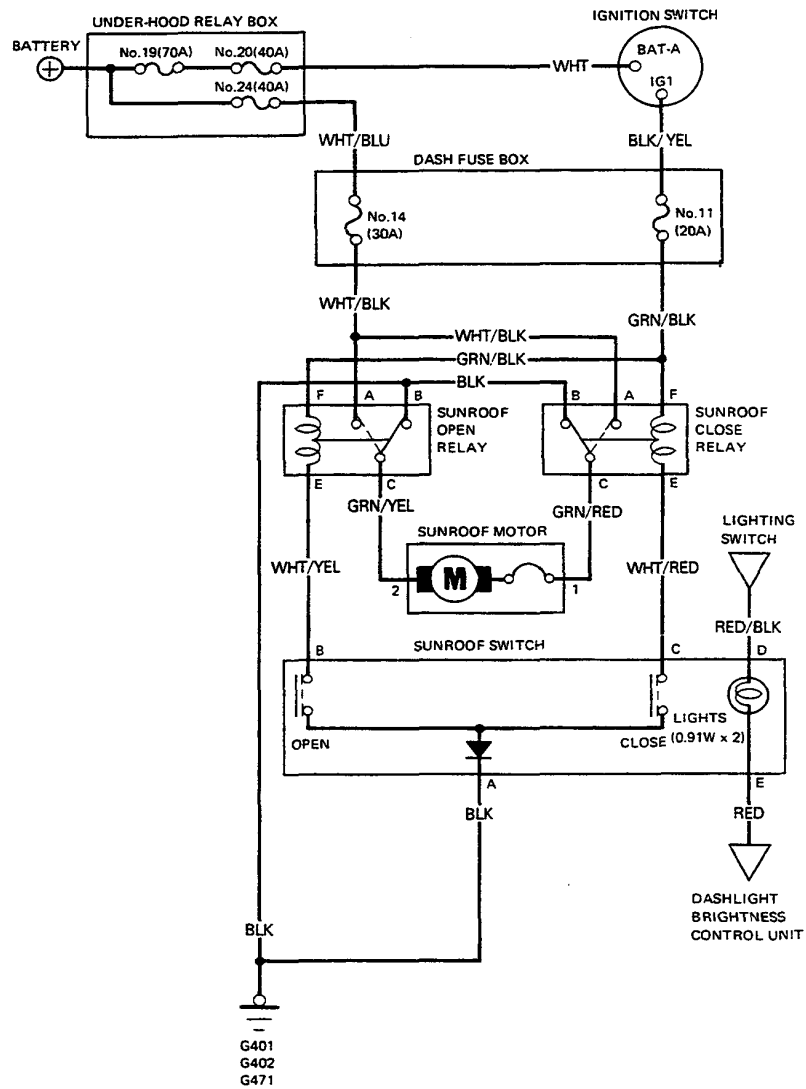


Component Location Index



Sunroof

Circuit Diagram





Electrical Troubleshooting

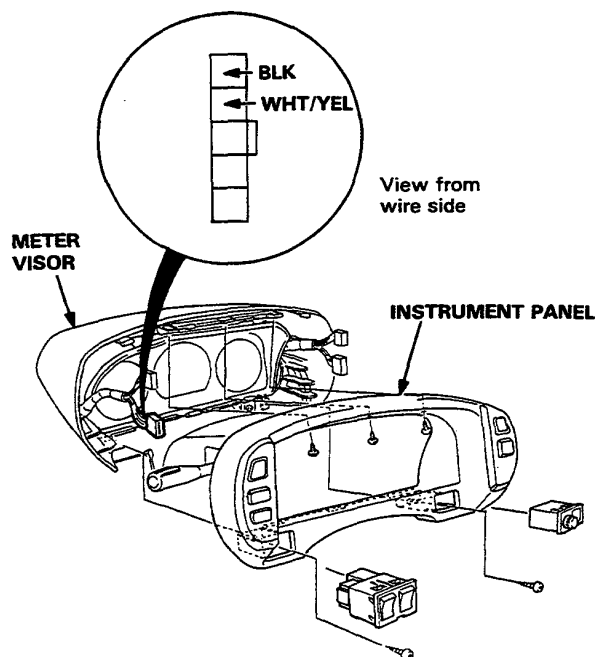
NOTE: The numbers in the table show the troubleshooting sequence.

Symptom \ Item to be inspected		Clutch out of adjustment, foreign matter stuck between guide rail and sunroof, or outer cable not attached properly	Blown No. 11 (20 A) or No. 14 (30 A) fuse (in the dash fuse box)	Function Test	Open relay	Close relay	Sunroof motor	Sunroof switch	Poor ground	Open circuit in wires or loose or disconnected terminals.
Sunroof does not move, but motor turns.		1								
Sunroof does not move and motor does not turn (sunroof can be moved with sunroof wrench).	With all switches		2	3			5	4	G401, 402, 471	WHT/BLK, GRN/BLK GRN/YEL or GRN/RED
	With OPEN switch.				1	2		3		WHT/YEL
	With CLOSE switch.				2	1		3		WHT/RED

Sunroof

Function Test

1. Remove the instrument panel from the meter visor by removing the 5 screws.



2. Connect the WHT/YEL terminal to the BLK terminal with a jumper wire.
The sunroof should open when the ignition switch is turned ON.

- If the sunroof opens, check the switch.
- If not, connect the WHT/YEL terminal to body ground.
 - If the sunroof opens, check for open in the BLK wire, and check whether the ground terminals (G401, 402, 471) are poor.
 - If not, remove the headlining and check the motor.

Switch Test

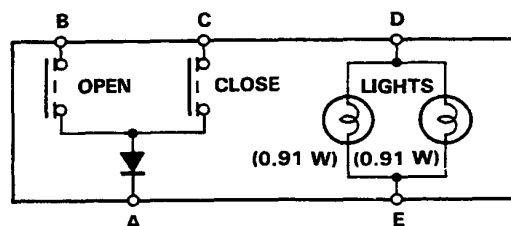
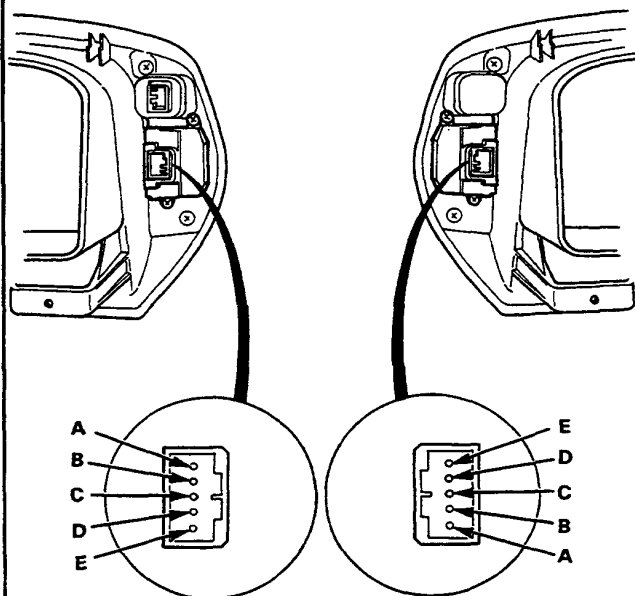
NOTE: For the switch removal, see page 16-85.

1. Remove the instrument panel from the meter visor.
2. Check for continuity between the terminals in each switch position according to the table.

Terminal Position	A	B	C	D	E
OFF					
OPEN					
CLOSE					

L.H.Drive

R.H.Drive

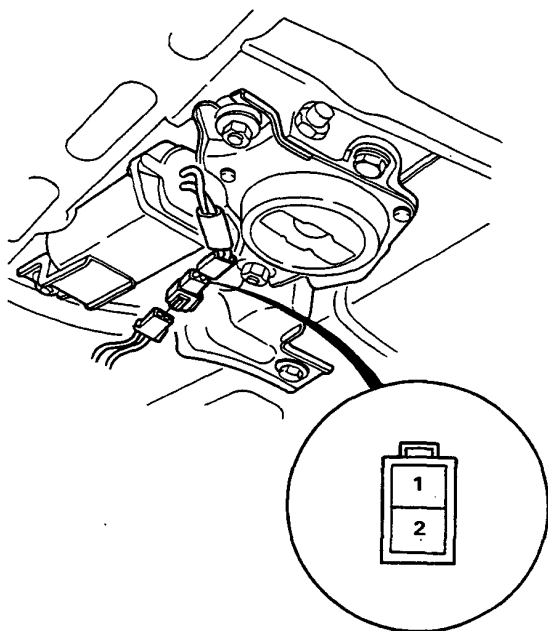




Motor Test

1. Remove the headliner.
2. Disconnect the 2-P connector from the sunroof motor.
3. Test motor operation by connecting battery to the No.1 and No.2 terminals. Test the motor in each direction, by switching the leads from the battery.
4. If the motor does not run, replace it.

NOTE: See Closing Force Check in section 14 for motor clutch test.



View from wire side

Relay Test

1. Remove the sunroof relays in the dash relay holder.
2. There should be continuity between the A and C terminals when the battery is connected to the E and F terminals.
There should be continuity between the B and C terminals when the battery is disconnected.

