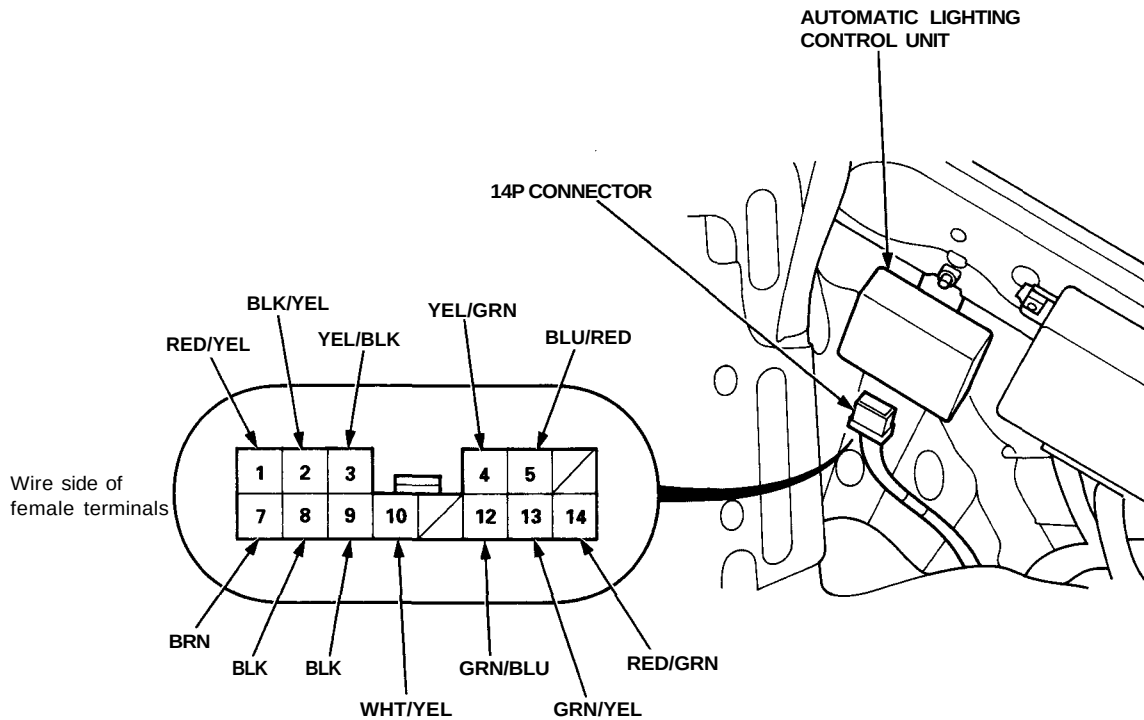


Lighting System

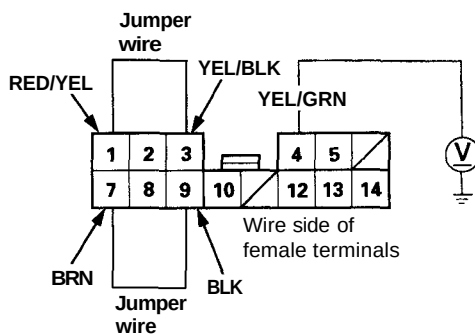
Automatic Lighting Control Unit Input Test (USA)

1. Remove the rear seat-back.
2. Disconnect the 14P connector from the control unit.
3. Inspect the connector and socket 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 test probe OK, the control unit must be faulty; replace it.



Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
2	BLK/YEL	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	• Blown No. 20 (20 A) fuse in the under-dash fuse/relay box • An open in the wire
3	YEL/BLK			• Blown No. 19 (7.5 A) fuse in the under-dash fuse/relay box • An open in the wire
5	BLU/RED	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Faulty headlight relay • An open in the wire
8	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	• Poor ground (G401, G402, G651) • An open in the wire
9				
10	WHT/YEL	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Blown No. 56 (7.5 A) fuse in the under-hood fuse/relay box • An open in the wire
12	GRN/BLU	Driver's door open	Check for voltage to ground: There should be 1 V or less.	• Faulty driver's door switch • Poor ground (G401, G402) • An open in the wire
13	GRN/YEL	Combination light switch ON (Except "AUTO")	Check for continuity to ground: There should be continuity.	• Faulty combination light switch • Poor ground (G401, G402) • An open in the wire
14	RED/GRN	Under all conditions	Check for voltage to ground: There should be battery voltage.	• Faulty taillight relay • An open in the wire • Blown No. 1 (15 A) fuse in the under-dash fuse/relay box

NOTE: Before testing, connect a voltmeter and jumper wires as shown:



Cavity	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
4	YEL/GRN	Cover the automatic lighting sensor*	Check for voltage between the No. 4 terminal and body ground: There should be 1 V or less.	• Faulty automatic lighting sensor • An open in the wire
		Shine light on the automatic lighting sensor	Check for voltage between the No. 4 terminal and body ground: There should be 5 V or more.	• Faulty automatic lighting sensor • An open in the wire

*: The automatic lighting sensor is located in the middle of dashboard. Cut the light off completely with a dark cloth.