

# Lighting System

## Daytime Running Lights Control Unit Input Test

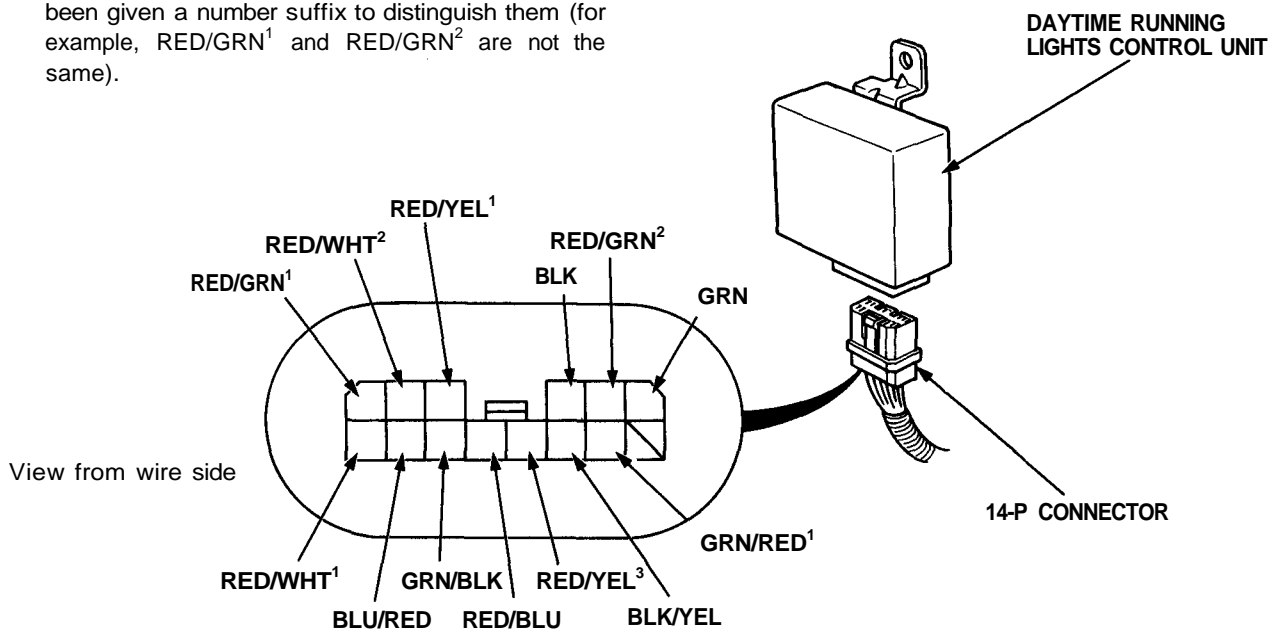
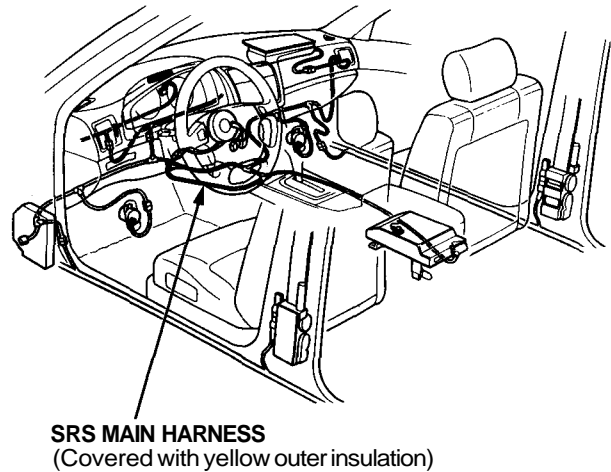
### CAUTION:

- All SRS wiring harnesses are covered with yellow outer insulation.
- Before disconnecting any part of the SRS wire harness, install the short connectors (see page 23-407).
- Replace the entire affected SRS harness assembly if it has an open circuit or damaged wiring.

1. Remove the dashbord lower cover (see page 23-81).
2. Disconnect the 14-P connector from the daytime running lights 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 a 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.

NOTE: Different wires with the same color have been given a number suffix to distinguish them (for example, RED/GRN<sup>1</sup> and RED/GRN<sup>2</sup> are not the same).





No.	Wire	Test condition	Test: Desired result	Possible cause if result is not obtained
1	BLK	Under all conditions	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> <li>• Poor ground (G301, G302, G303)</li> <li>• An open in the wire</li> </ul>
2	RED/WHT <sup>2</sup>	Under all conditions	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 16 (20 A) fuse</li> <li>• An open in the wire</li> </ul>
3	BLU/RED	Under all conditions	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Faulty headlight relay</li> <li>• An open in the wire</li> </ul>
4	RED/WHT <sup>1</sup>	Headlight switch "OFF"	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> <li>• Poor ground (G152)</li> <li>• Faulty dimmer relay</li> <li>• An open in the wire</li> </ul>
5	GRN	Parking brake switch "ON" (Parking brake lever up)	Check for continuity to ground: There should be continuity.	<ul style="list-style-type: none"> <li>• Faulty parking brake switch</li> <li>• An open in the wire</li> </ul>
6	BLK/YEL	Ignition switch ON (II)	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 12 (7.5 A) fuse</li> <li>• An open in the wire</li> </ul>
7	GRN/BLK	Ignition switch ON (II)	Connect to ground. DRL indicator light should come on.	<ul style="list-style-type: none"> <li>• Blown No. 13 (7.5 A) fuse</li> <li>• Blown bulb</li> <li>• An open in the wire</li> </ul>
8	GRN/RED <sup>1</sup>	Headlight switch ON	Connect to ground: Brake system light should come on.	<ul style="list-style-type: none"> <li>• Blown No. 13 (7.5 A) fuse</li> <li>• Blown bulb</li> <li>• An open in the wire</li> </ul>
9	RED/GRN <sup>2</sup>	Under all conditions	Check for continuity between the terminals: There should be continuity.	<ul style="list-style-type: none"> <li>• Blown headlight bulb</li> <li>• An open in the wire</li> </ul>
	RED/YEL <sup>3</sup>			
	RED/BLU <sup>1</sup>			
10	RED/YEL <sup>1</sup>	Headlight switch "●" position	Check for voltage to ground: There should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 46 (20 A) fuse</li> <li>• An open in the wire</li> </ul>
	RED/GRN <sup>1</sup>			<ul style="list-style-type: none"> <li>• Blown No. 45 (20 A) fuse</li> <li>• An open in the wire</li> </ul>