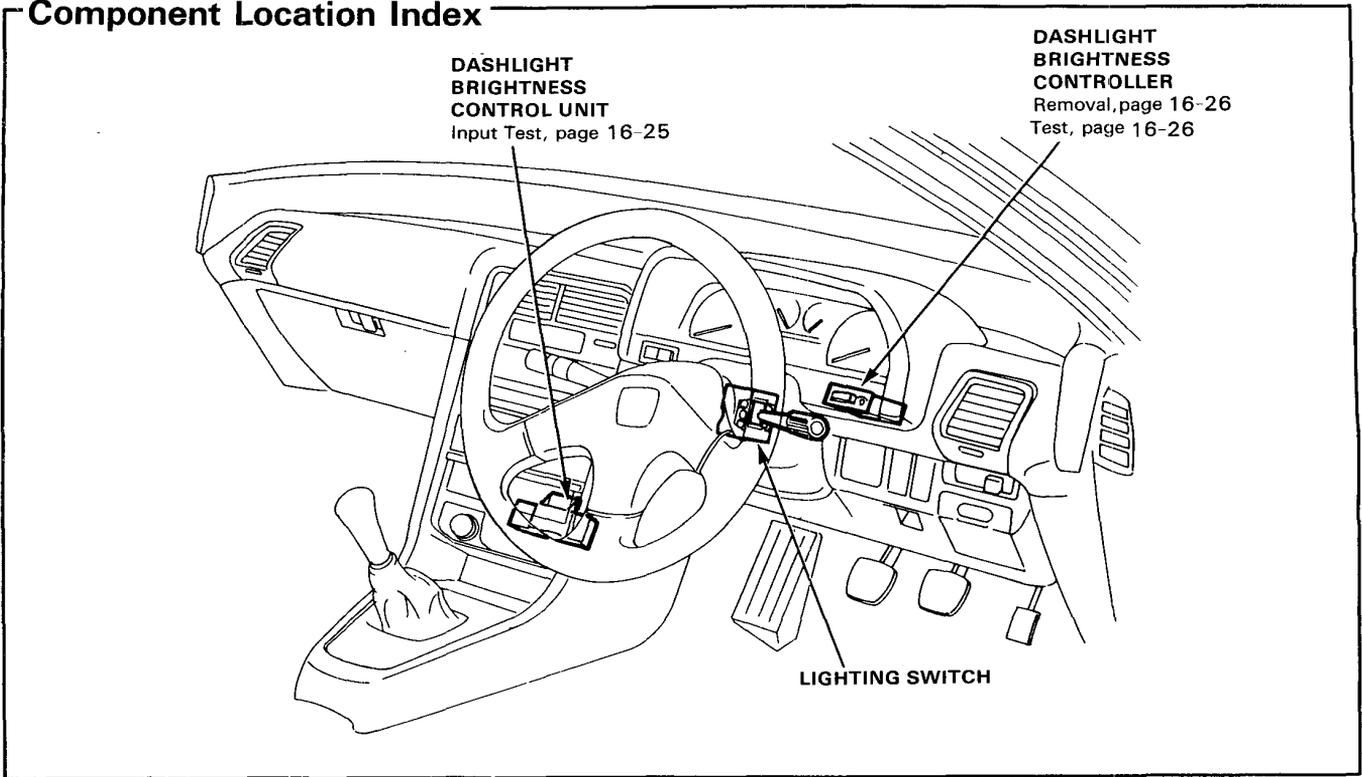
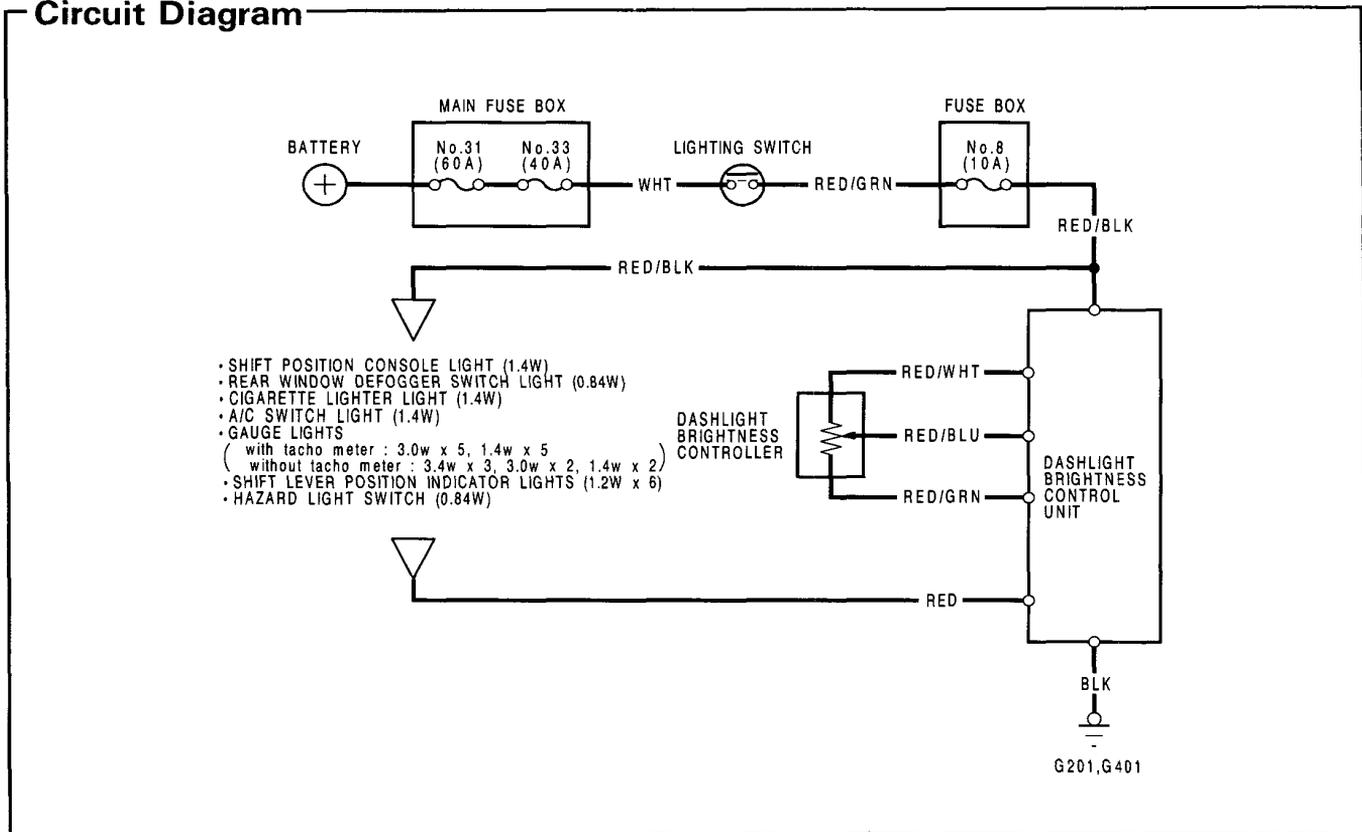


# Dashlight Brightnes Control (KQ model only)

## Component Location Index



## Circuit Diagram

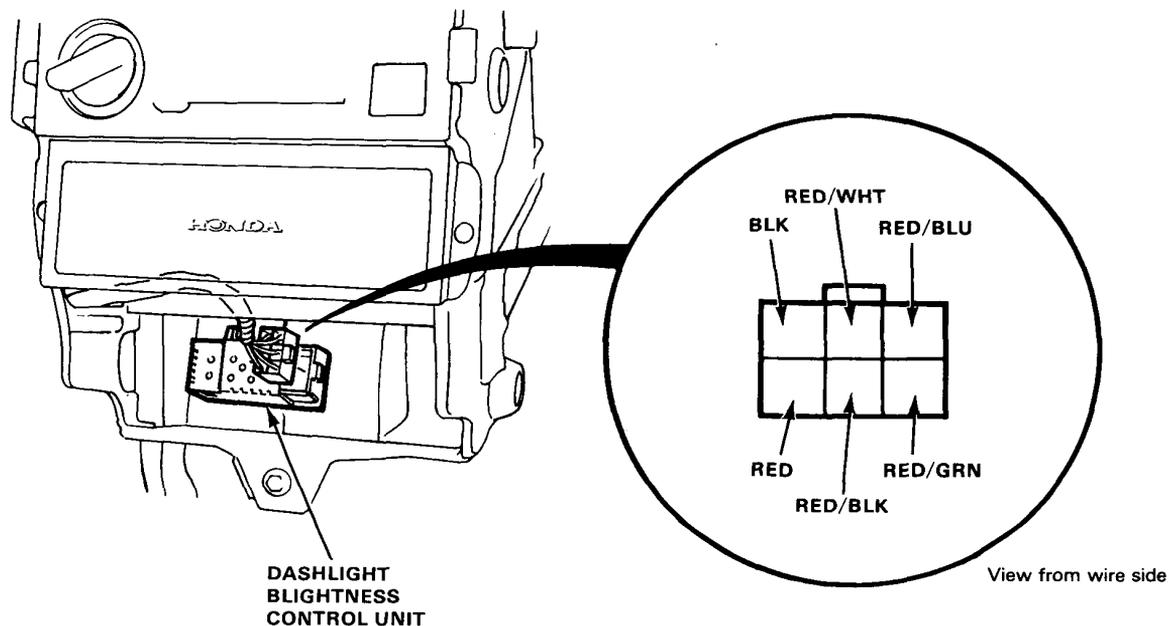




## Control Unit Input Test

Remove the center consol and disconnect the 6-P connector from the control unit.

Make the following input tests at the harness pins. If all tests prove OK, yet the dash lights still cannot be controlled, check the connector for a good connection. If OK, substitute a known-good control unit and recheck.

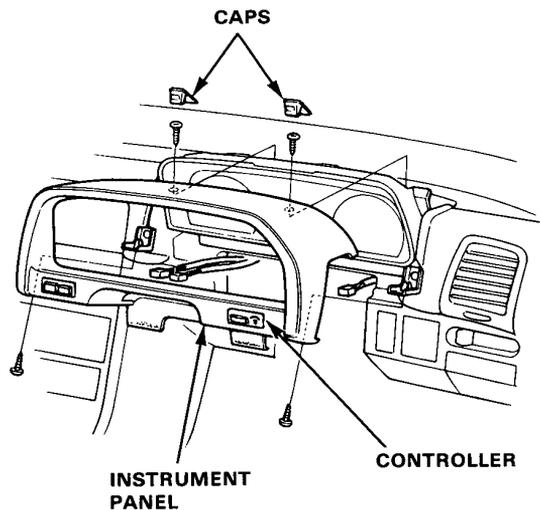


No.	Wire	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	BLK	Under all conditions.	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> <li>• Poor ground (G201 G401).</li> <li>• An open in the wire.</li> </ul>
2	RED/BLK	Lighting switch ON.	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> <li>• Blown No. 8 (10A)</li> <li>• Faulty lighting switch.</li> <li>• An open in the wire.</li> </ul>
3	RED	Lighting switch ON.	Attach to ground Dash lights should come on full bright.	<ul style="list-style-type: none"> <li>• An open in the RED/BLK or RED wire.</li> </ul>
4	RED/GRN or RED/WHT	Adjusting dial rotated.	Check for resistance between the RED/GRN and RED/WHT terminals: should be 8 – 12 k $\Omega$ at all time.	<ul style="list-style-type: none"> <li>• Faulty controller.</li> <li>• An open in the wires.</li> </ul>
5	RED/BLU and RED/WHT	Adjusting dial rotated.	Check for resistance between the RED/BLU and RED/WHT terminals: should vary from 0 to 10,000 ohms as the dial is rotated.	

# Dashlight Brightness Control (KQ model only)

## Controller Removal

1. Remove the caps, then remove the 4 screws.
2. Remove the instrument panel from the dashboard.
3. Disconnect the 3-P connector from the controller.
4. Remove the switch from the instrument panel.



## Controller Test

1. Remove the instrument panel from the dashboard.
2. Measure resistance between the A and C terminals.

**Resistance : 8,000-12,000 ohms**

**NOTE :** Resistance will vary slightly with temperature.

3. Measure resistance between the B and C terminals while rotating the adjusting dial. Resistance should vary from 0 to 10,000 ohms as the dial is rotated.

