

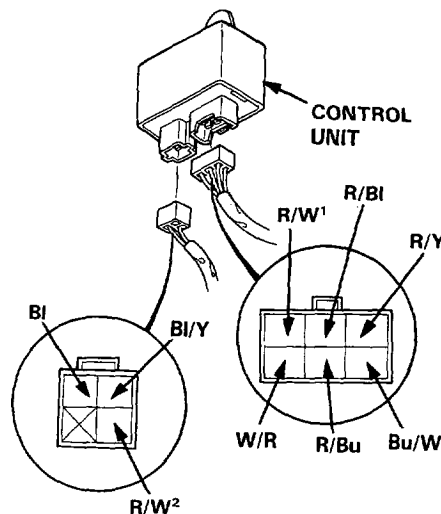
Lighting System

DIM-DIP Control Unit Input/Output Test

NOTE:

- Several different wires have the same color. They have been given a number suffix to distinguish them (for example R/W¹ and R/W² are not the same).

Recheck connections between the 6-P connector and the control unit, or the 4-P connector and the control unit, then replace the control unit if all input tests prove OK.



Input Test:

Remove the dashboard lower panel to disconnect the 6-P and 4-P connectors from the control unit. Make the following input tests at the harness pins.

No.	Wire	Test condition	Test: desired result	Possible cause (if result is not obtained)
1	Bl	Under all conditions	Check for continuity to ground: should be continuity.	<ul style="list-style-type: none"> • Poor ground. • An open in the wire.
2	Bl/Y	Ignition switch ON	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 4 (10A) fuse. • An open in the wire.
3	W/R	Under all conditions	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown 10A fuse in the fuse holder. • An open in the wire.
4	R/W ²	Lighting switch "●"	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 1 (10A) fuse. • Faulty lighting switch. • An open in the wire.
5	R/Bu	Lighting switch "●" and dimmer switch Hi or passing switch ON	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 8 (10A) fuse. • Faulty lighting switch. • An open in the wire.
6	R/Bl	Lighting switch "•" or "●"	Check for voltage to ground: should be battery voltage.	<ul style="list-style-type: none"> • Blown No. 12 (15A) fuse. • Faulty lighting switch. • An open in the wire.

Output Test:

Reconnect the 4-P and 6-P connectors to the control unit.

Make the following output tests at the harness pins.

7	R/W	Lighting switch "•"	Check for voltage to ground: should be battery voltage.	Faulty DIM-DIP control unit
8	R/Y			
9	Bu/W	Lighting switch "●"	Check for voltage to ground: should be battery voltage.	
		Lighting switch "●" and timmer switch Hi or passing switch ON		