

2002 ACCESSORIES & EQUIPMENT

Auto Lighting Control System - Sedona

AUTO LIGHTING CONTROL SYSTEM

SPECIFICATIONS

Items		Specifications
Rated voltage		12 V
Load		Max. 200mA (Relay)
Detection illumination	Tail lamp	ON : 23.1 ± 1.4(Lux), 0.79 ± 0.04 (V)
		OFF : 48 ± 1.4(Lux), 1.38 ± 0.04 (V)
	Head lamp	ON : 23.1 ± 1.4(Lux), 0.79 ± 0.04 (V)
		OFF : 48 ± 1.4(Lux), 1.38 ± 0.04 (V)

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Fig. 1: Identifying Auto Lighting Control System Specifications
Courtesy of KIA MOTORS AMERICA, INC.

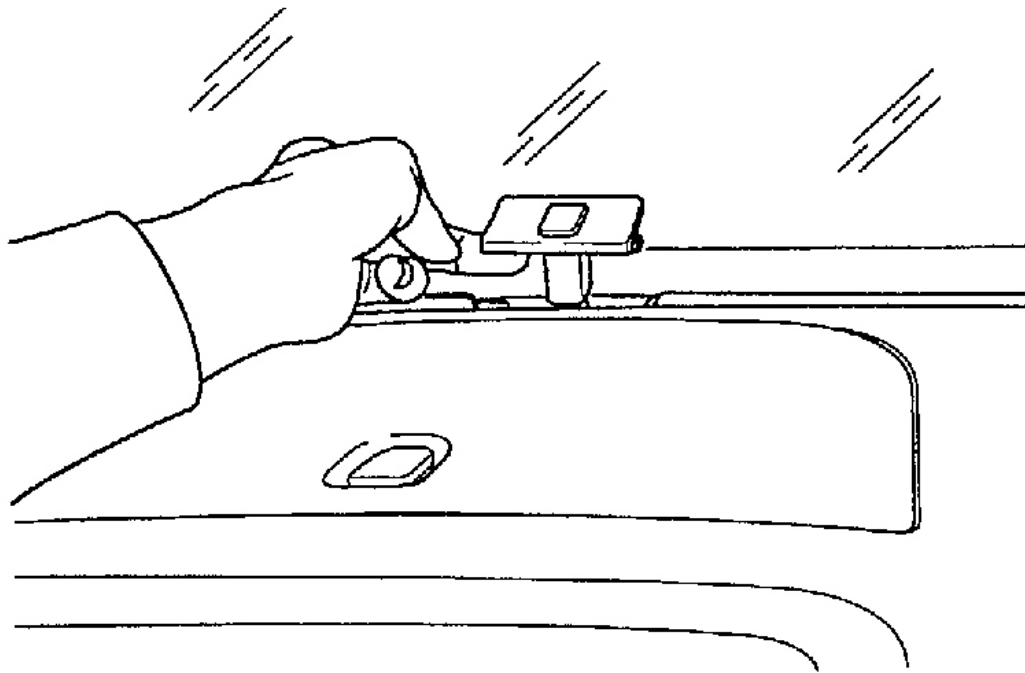
DESCRIPTION

The auto light control system operates by using the auto light switch, and turns the head lamp and tail lamp on or off automatically in accordance with the detection illumination.

AUTO LIGHT CONTROL MODULE

REMOVAL

1. Remove the sensor unit from the defroster nozzle cover using the suitable tool.

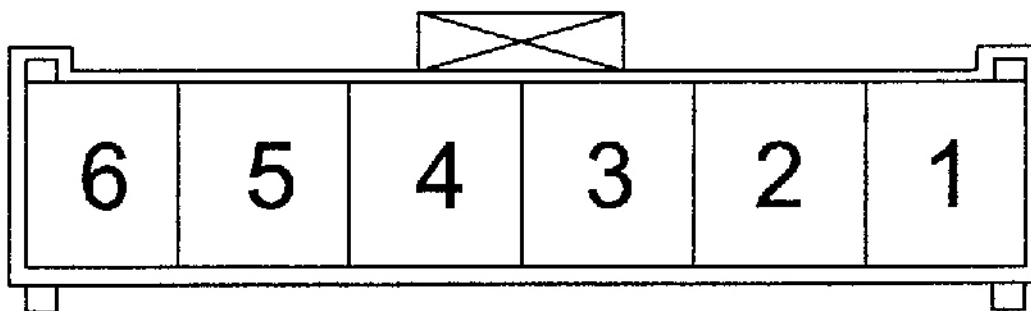


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Fig. 2: Removing Auto Light Control Module
Courtesy of KIA MOTORS AMERICA, INC.

INSPECTION

1. Apply the battery voltage to terminal 1 and ground the terminal 6.
2. Expose the ALCS unit to the sun
3. Check the continuity between the terminals 2 & 4 and the terminals 2 & 5.



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Fig. 3: Checking Auto Light Control Module Continuity
Courtesy of KIA MOTORS AMERICA, INC.