

2002 ACCESSORIES & EQUIPMENT

Steering Column Switches - Sedona

DESCRIPTION

Left column-mounted combination switch incorporates turn signal switch, dimmer switch, headlight switch and flash-to-pass switch. Right column-mounted combination switch incorporates wiper/washer switch and cruise control switch (if equipped).

WARNING: Deactivate air bag system before performing any service operation. See **DISABLING & ACTIVATING AIR BAG SYSTEM** article in **RESTRAINTS**. **DO NOT** apply electrical power to any component on steering column without first deactivating air bag system. Air bag may deploy.

SYMPTOM TESTS

NOTE: Symptom tests are not available from manufacturer.

COMPONENT TESTS

FLASHER MODULE

Apply battery voltage to terminal No. 2 and ground by No. 10. Connect turn signal lamps. See **FLASHER UNIT TEST** . Apply battery voltage to the terminals and check that lamps flash. See **Fig. 1** .

FLASHER UNIT TEST

Positive Voltage Applied To Terminals	Flash Signal
1	Right Turn Signal
5	Left Turn Signal
9	Right & Left Turn Signal

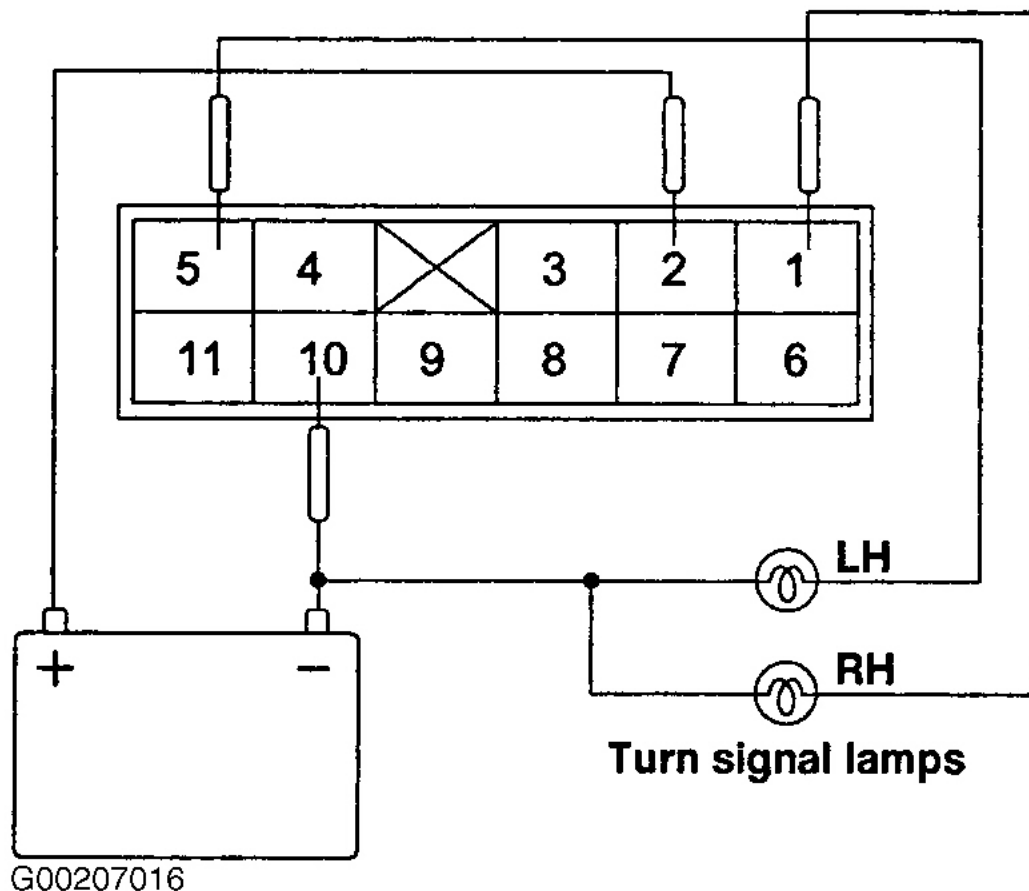


Fig. 1: Testing Flasher Module Terminals
 Courtesy of KIA MOTORS AMERICA, INC.

FRONT FOG SWITCH

Check continuity between the specified terminals. See **FRONT FOG SWITCH TEST** .

FRONT FOG SWITCH TEST

Switch Position	Continuity Between Terminals No.
On	5 & 2
Off	No Continuity

FOG LAMP RELAY

Remove the relay from the relay box in the engine compartment. Check for continuity between headlight relay switch terminals specified. See **FOG LAMP RELAY TEST** . See **Fig. 2** .

FOG LAMP RELAY TEST

Application	Continuity Between Terminals No.
Power Supply	1 & 3
Energized	2 & 4
De-energized	1 & 3

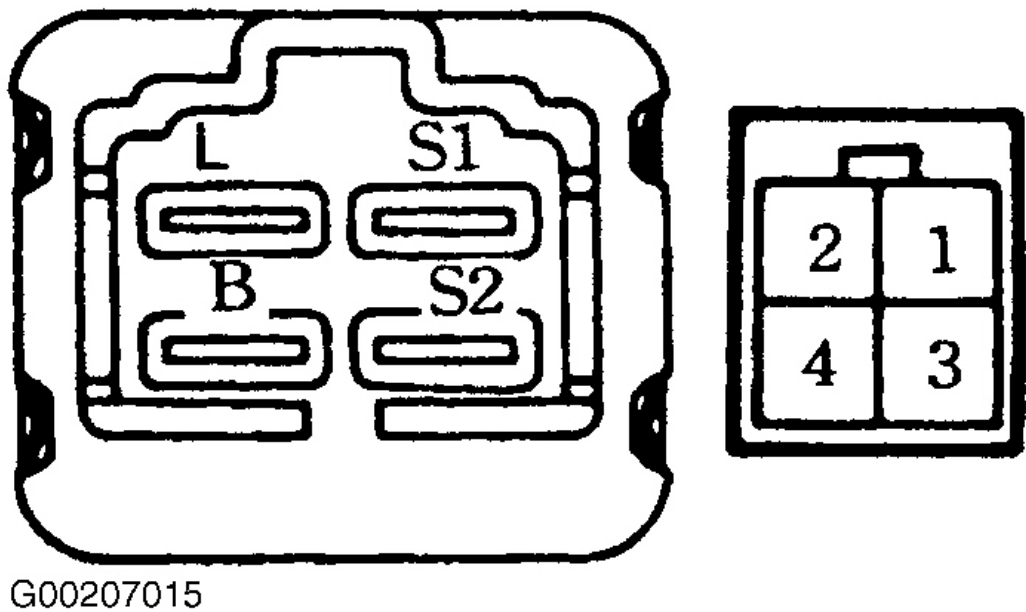


Fig. 2: Identifying Fog Lamp Relay Terminals
Courtesy of KIA MOTORS AMERICA, INC.

HAZARD SWITCH

Check continuity between the specified terminals. See **HAZARD SWITCH TEST** .

HAZARD SWITCH TEST

Switch Position	Continuity Between Terminals No.
On	3 & 6
Off	No Continuity

HEADLIGHT RELAY

Remove the relay from the relay box in the engine compartment. Check for continuity between headlight relay switch terminals specified. See **HEADLIGHT RELAY TEST** . See **Fig. 2** .

HEADLIGHT RELAY TEST

Application	Continuity Between Terminals No.
Power Supply	1 & 3
Energized	2 & 4
De-energized	1 & 3

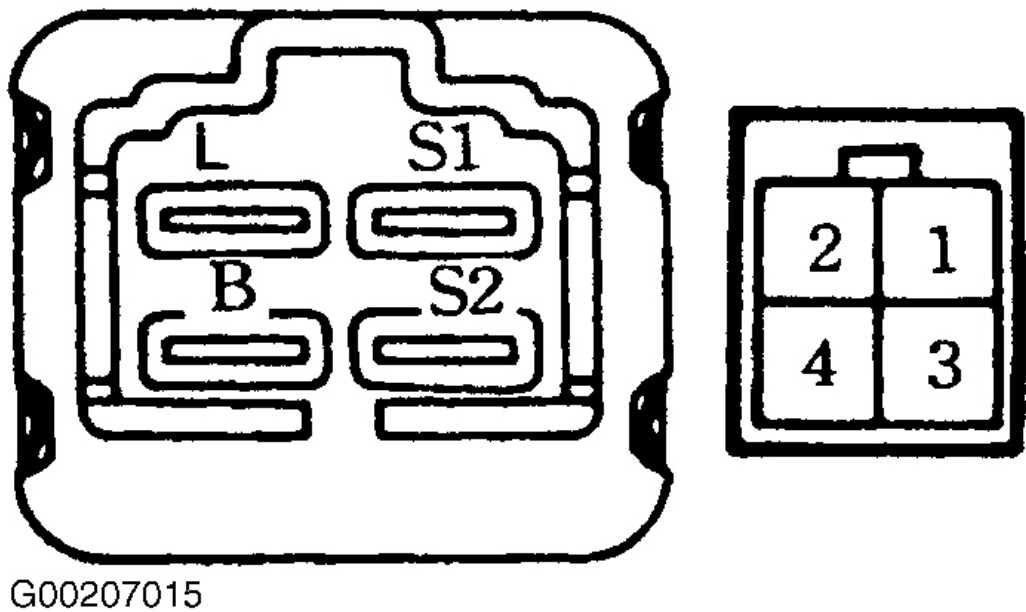


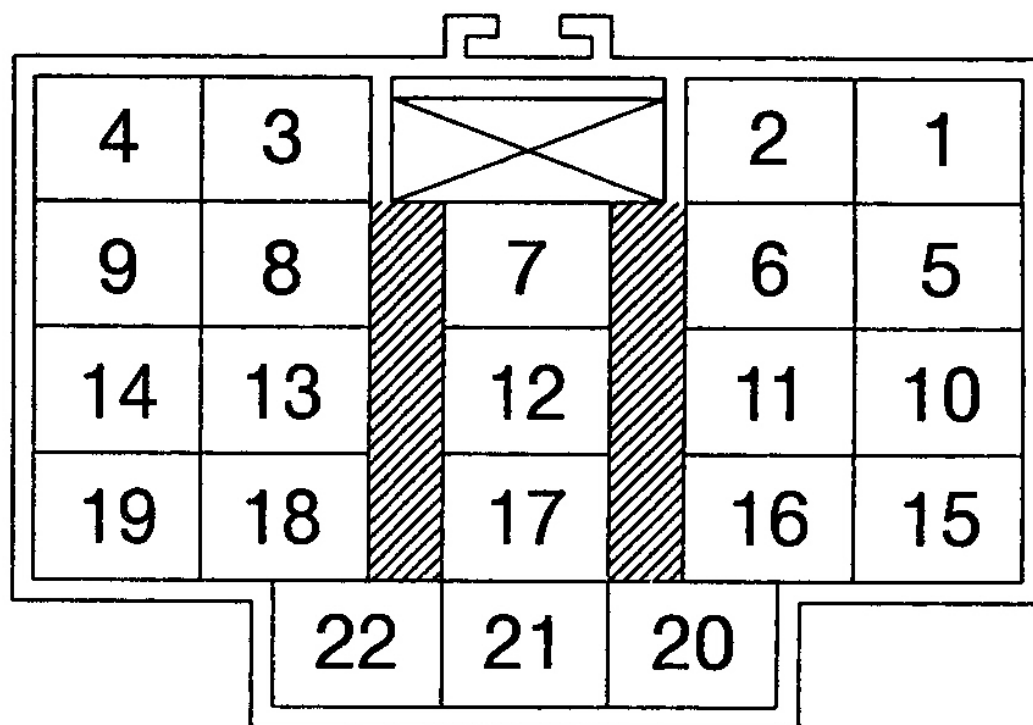
Fig. 3: Identifying Headlight Relay Terminals
Courtesy of KIA MOTORS AMERICA, INC.

HEADLIGHT SWITCH

Disconnect combination switch connector. Check for continuity between combination switch connector terminals specified. See **HEADLIGHT SWITCH TEST** table. See **Fig. 4** . If continuity is not as specified, replace headlight switch.

HEADLIGHT SWITCH TEST

Application & Switch Position	Continuity Between Terminals No.
Headlight Switch	
Off	No Continuity
Lo Beam	10 & 15
Hi Beam	7 & 17
Flash-To-Pass Switch	



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Fig. 4: Identifying Multi-function Switch

Courtesy of KIA MOTORS AMERICA, INC.

HORN RELAY

NOTE: Horn relay test procedures are not available from manufacturer. For test information, see WIRING DIAGRAMS .

TURN SIGNAL SWITCH

Disconnect combination switch connector. Check for continuity between switch terminals specified. See TURN SIGNAL SWITCH TEST table. See **Fig. 4** . If continuity is not as specified, replace combination switch.

TURN SIGNAL SWITCH TEST

Switch Position	Continuity Between Terminals No.
Left	2 & 11
Right	2 & 6

WIPER/WASHER SWITCH

For wiper/washer switch testing, see WIPER/WASHER article.

REMOVAL & INSTALLATION

WARNING: Deactivate air bag system before performing any service operation. See DISABLING & ACTIVATING AIR BAG SYSTEM article in RESTRAINTS. DO NOT apply electrical power to any component on steering column without first deactivating air bag system. Air bag may deploy.

NOTE: Anytime battery cables are disconnected from battery and then reconnected, theft deterrent system will operate (horn will sound and emergency lights will flash for about 3 minutes). To disarm system, insert ignition key and turn key to ACC position.

COMBINATION SWITCH

Removal & Installation

Remove steering wheel and air bag module. See DISABLING & ACTIVATING AIR BAG SYSTEM article in RESTRAINTS. Remove steering column covers. Disconnect combination switch harness connectors. Remove combination switch screws. Remove combination switch. To install, reverse removal procedure.

IGNITION SWITCH

Removal & Installation

Deactivate air bag system. See DISABLING & ACTIVATING AIR BAG SYSTEM article in RESTRAINTS. Disconnect negative battery cable. Remove steering column covers. Using chisel, make slot in mounting screws to accommodate screwdriver. Remove screws mounting ignition switch to steering column. Disconnect ignition switch harness connectors. Remove ignition switch. To install, reverse removal procedure.

WIRING DIAGRAMS

See HORN in SYSTEM WIRING DIAGRAMS article in ELECTRICAL.