

**DIAGNOSIS AND TESTING (Continued)**

(Continued)

**DAYTIME RUNNING LAMP (DRL) WIRING — DIAGNOSIS (Cont'd)**

Test Step	Voltage by Pin Number
7. Connect Pins 3 and 6.	Pins 1, 2, 3, 4, 6 and 8 should be 12 volts. The HI beam indicator should be illuminated. Pin 7 should be 0 volts.
8. Apply parking brake.	Pins 1, 2, 4 and 8 should be 12 volts. The HI beam indicator should be illuminated. Pins 3, 6 and 7 should be 0 volts.

TK14673B

**HEADLAMP SWITCH DIAGNOSIS**

CONDITION	POSSIBLE SOURCE	ACTION
● Headlamps Do Not Work Park and Tail Lamps OK	<ul style="list-style-type: none"> <li>● Open or shorted wiring.</li> <li>● Poor ground connections.</li> <li>● Damaged dimmer switch.</li> <li>● Damaged DRL relay.</li> <li>● Damaged headlamp switch.</li> </ul>	<ul style="list-style-type: none"> <li>● Check wiring and connections between power source and headlamp switch and between headlamp switch and lamps. Service as necessary.</li> <li>● Check and service as necessary.</li> <li>● Check dimmer switch, replace if necessary.</li> <li>● Refer to DRL diagnosis.</li> <li>● Check headlamp switch, replace if necessary.</li> </ul>
● All Exterior Lamps Do Not Work	<ul style="list-style-type: none"> <li>● Open or shorted wiring.</li> <li>● Damaged headlamp switch.</li> </ul>	<ul style="list-style-type: none"> <li>● Check wiring and connections between power source and headlamp switch and between headlamp switch and dash panel connector.</li> <li>● Check headlamp switch, replace if necessary.</li> </ul>
● Headlamps Flash On and Off	<ul style="list-style-type: none"> <li>● Shorted circuit.</li> <li>● Overloaded headlamp switch.</li> <li>● Damaged headlamp switch.</li> <li>● Damaged terminals.</li> </ul>	<ul style="list-style-type: none"> <li>● Check wiring and connections between headlamp switch and headlamps.</li> <li>● Check headlamp load.</li> <li>● Replace headlamp switch.</li> <li>● Service /replace damaged terminals.</li> </ul>
● All Exterior Lamps Do Not Work Headlamps OK	<ul style="list-style-type: none"> <li>● Blown Fuse.</li> <li>● Open wiring or poor ground.</li> <li>● Damaged headlamp switch.</li> </ul>	<ul style="list-style-type: none"> <li>● Replace fuse.</li> <li>● Check wiring and connections between power source and headlamp switch and between headlamp switch and lamps. Service as necessary.</li> <li>● Check headlamp switch, replace if necessary.</li> </ul>
● Instrument Panel Lamps Do Not Work or Will Not Dim	<ul style="list-style-type: none"> <li>● Blown fuse.</li> <li>● Open or shorted wiring.</li> <li>● Damaged headlamp switch.</li> </ul>	<ul style="list-style-type: none"> <li>● Replace fuse.</li> <li>● Check wiring between headlamp switch and lamps.</li> <li>● Check headlamp switch, replace if necessary.</li> </ul>
● Dome Lamps Will Not Work	<ul style="list-style-type: none"> <li>● Blown fuse.</li> <li>● Open or shorted wiring.</li> <li>● Damaged instrument panel dimmer switch.</li> </ul>	<ul style="list-style-type: none"> <li>● Replace fuse.</li> <li>● Check wiring and connections between headlamp switch and dome lamp and between headlamp switch and fuse panel.</li> <li>● Check headlamp switch, replace if necessary.</li> </ul>

TK10723C