

Daytime Running Lamps (DRL) Inoperative

Step	Action	Yes	No
<p><i>Schematic Reference:</i> Headlights/Daytime Running Lights (DRL) Schematics</p> <p><i>Component End View Reference:</i> Lighting Systems Connector End Views or Body Control System Connector End Views in <i>Body Control System</i></p>			
1	<p>Did you perform the Lighting Diagnostic System Check?</p>	<p>Go to Step 2</p>	<p>Go to Diagnostic System Check - Lighting Systems</p>
2	<ul style="list-style-type: none"> • Block the drive wheels. • Turn the ignition ON, with the engine OFF. • Place the gear selector in the DRIVE position. • Ensure the headlamp switch is in the AUTO position. • Ensure the ambient light sensor is not covered or has no obstruction to daylight. <p>Does the system operate normally?</p>	<p>Go to Testing for Electrical Intermittents in Wiring Systems</p>	<p>Go to Step 3</p>
3	<p>Is only one DRL inoperative?</p>	<p>Go to Step 4</p>	<p>Go to Step 5</p>
4	<p>Test the supply and ground circuits of the affected lamp for a high resistance or an open. Refer to Circuit Testing and Wiring Repairs in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	<p>Go to Step 16</p>	<p>Go to Step 15</p>
5	<ul style="list-style-type: none"> • Ensure the park brake is not set. • Install a scan tool. • Turn ON the ignition, with the engine OFF. • With the scan tool, observe the park brake switch parameter in the Body Control Module (BCM) data list. <p>Does the scan tool display RELEASED?</p>	<p>Go to Step 7</p>	<p>Go to Step 6</p>

6	<p>Test the signal circuit of the park brake switch for a short to ground. Refer to Circuit Testing and Wiring Repairs in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to Step 16	Go to Step 10
7	<ul style="list-style-type: none"> • Turn OFF the ignition. • Remove the daytime running lamps (DRL) relay. • Connect a 3-amp fused jumper wire between battery positive voltage and the DRL supply voltage circuit of the DRL relay. <p>Do the DRL illuminate?</p>	Go to Step 8	Go to Step 11
8	<p>Test the DRL relay control circuit of the DRL relay for a ground signal. Refer to Circuit Testing in Wiring Systems.</p> <p>Is a ground signal present?</p>	Go to Step 14	Go to Step 9
9	<p>Inspect for poor connections at the harness connector of the BCM. Refer to Testing for Intermittent Conditions and Poor Connections and Connector Repairs in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to Step 16	Go to Step 12
10	<p>Inspect for poor connections at the harness connector of the park brake switch. Refer to Testing for Intermittent Conditions and Poor Connections and Connector Repairs in Wiring Systems.</p> <p>Did you find and correct the condition?</p>	Go to Step 16	Go to Step 13
11	<p>Repair the DRL supply voltage circuit. Refer to Wiring Repairs in Wiring Systems.</p> <p>Did you complete the repair?</p>	Go to Step 16	--
12	<p>Important: Perform the setup procedure for the BCM.</p> <p>Replace the BCM. Refer to Body Control Module Replacement in Body Control System.</p> <p>Did you complete the replacement?</p>	Go to Step 16	--

13	<p>Replace the park brake switch. Refer to Parking Brake Indicator Switch Replacement in Park Brake.</p> <p>Did you complete the replacement?</p>	Go to Step 16	--
14	<p>Replace the DRL relay. Refer to Relay Replacement in Wiring Systems.</p> <p>Did you complete the replacement?</p>	Go to Step 16	--
15	<p>Replace the inoperative DRL. Refer to Daytime Running Lamp Replacement .</p> <p>Did you complete the replacement?</p>	Go to Step 16	--
16	<p>Operate the system in order to verify the repair.</p> <p>Did you correct the condition?</p>	System OK.	GO to Step 3