DIAGNOSIS AND TESTING (Continued)

Resistance	3 and 4	In Detent (Off Position) In Max. ON Position	2.5 Ohms to 4.5K Ohms 140K Ohms to 250K Ohms
On / Off	2 and 4	In Detent (OFF Position) Any Position Out of Detent	No Continuity Continuity—Zero Ohms

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TROUBLESHOOTING FOG LAMP SYSTEM

CONDITION	POSSIBLE SOURCE	ACTION
• Fog Lamps Do Not Operate	• Worn, damaged or malfunctioning switch. • No voltage to fog lamps.	• If indicator light is also out, check fuse 7 and Circuit 477, LB / BK. • If indicator light works, check Circuit 478, T / O.
• Only One Fog Lamp Illuminates	• Open in circuit.	• Check bulb. • Check for voltage at inoperative fog lamp. • Check continuity of Circuit 57, BK to ground.
• Fog Lamp Indicator Does Not Operate, Fog Lamps Do Operate	• Poor ground circuit. • No voltage to lamp. • Bulb burned out.	• Check fog lamp switch Circuit 57, BK for continuity. • Check fuse 7 and check for voltage at switch connector Circuit 477, LB / BK. • Replace switch assembly.
• Fog Lamp Nomenclature Does Not Illuminate	• Poor ground circuit. • No voltage to lamp. • Lamp burned out.	• Check Circuit 57, BK at switch connector. • Check fuse 8 and check Circuit 19 LB / R for voltage at switch connector. • Replace switch.

DAYTIME RUNNING LAMP (DRL) — DIAGNOSIS

CONDITION	POSSIBLE SOURCE	ACTION
With ignition in Run, parking brake fully released, and the headlamp switch Off or in the parking lamp positon:	• DRL module is not installed.	• Install module.
• High beams are not on at all	• Poor connection at module.	• Check and service as necessary.
• High beam indicator ON	• Open or shorted wiring.	• Check wiring to low beams.
• High beams are on at FULL intensity	• Damaged DRL module.	• Check for 12 volts to Pins 2 (Circuit 640, R / Y) and 4 (Circuit 296, W / P) of connector.
• Cornering lamps are on at reduced intensity when using turn signal	• Multi-function switch is in high beam position. This is expected for NON AutoLamp / AutoDim vehicles.	• Check parking brake switch, the wire to the switch should not be grounded. • Replace module. • None required.
With ignition OFF, parking brake fully released, and the headlamp switch Off or in the parking lamp position: • High beams are on at reduced intensity	• Damaged ignition switch. • Shorted wiring. • Damaged DRL module.	• Check the ignition switch and replace as necessary. • Check Pin 2 (Circuit 640, R / Y) on DRL connector. If 12 volts exists, service wiring. • Check Pin 2 (Circuit 640 R / Y) on DRL connector. If 12 volts does not exist, replace DRL module.