

DIAGNOSIS AND TESTING (Continued)

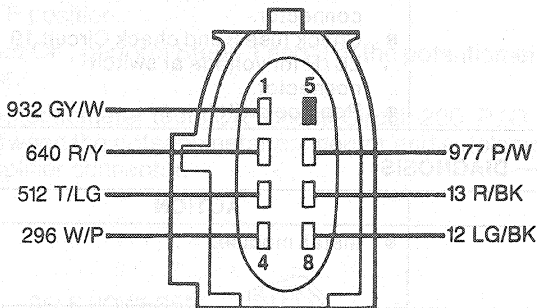
DAYTIME RUNNING LAMP (DRL) — DIAGNOSIS (Continued)

| CONDITION | POSSIBLE SOURCE | ACTION |
|---|---|---|
| With ignition in RUN, parking brake applied, and the headlamp switch Off or in the parking lamp position: ● High beams are on at reduced intensity | ● Open wiring or poor ground. ● Damaged parking brake switch. ● Damaged DRL module. | ● Check wiring and connections between DRL module and parking brake switch (Pin 6 Circuit 977, P/W). ● Check switch and replace as necessary. ● Replace as necessary. |
| With headlamp switch On: ● High beams are on at reduced intensity | ● Damaged headlamp switch. ● Damaged DRL module. | ● Remove module. If no headlamps, refer to Headlamp Switch Diagnosis. ● Remove module. If headlamps are on, replace module. |
| With headlamps in the high beam position: ● High beams on, but there is not an indicator in instrument panel | ● Burned out bulb. ● Open in wiring. ● Damaged DRL module. | ● Check and replace as necessary. ● Check wiring and connections between DRL module and the indicator lamp. ● Place a jumper wire between Pins 1 (Circuit 932, GY/W) and 8 (Circuit 12, LG/BK) in the DRL connector. If indicator turns On, replace the DRL module. |

TK14672C

Daytime Running Lamp (DRL) Module Harness Connector

NOTE: Prior to beginning test, turn ignition off, apply parking brake and turn off all lamps (including autolamp and auto dim).



K18592-A

DAYTIME RUNNING LAMP (DRL) WIRING — DIAGNOSIS

| Test Step | Voltage by Pin Number |
|----------------------------------|---|
| 1. Disconnect module. | Pin 4 should be 12 volts. Pins 1, 2, 3, 6, 7 and 8 should be 0 volts. |
| 2. Start vehicle. | Pins 2, 3 and 4 should be 12 volts. Pins 1, 6, 7 and 8 should be 0 volts. |
| 3. Release parking brake. | Pins 2, 3 and 4 should be 12 volts. Pins 1, 6, 7 and 8 should be 0 volts. |
| 4. Turn on headlamps (LO beams). | Pins 2, 3, 4 and 7 should be 12 volts. Pins 1, 6 and 8 should be 0 volts. |
| 5. Turn on headlamps (HI beams). | Pins 2, 3, 4 and 8 should be 12 volts. Pins 1, 6, and 7 should be 0 volts. |
| 6. Connect Pins 1 and 8. | Pins 1, 2, 3, 4, and 8 should be 12 volts. The HI beam indicator should be illuminated. Pins 6 and 7 should be 0 volts. |

(Continued)