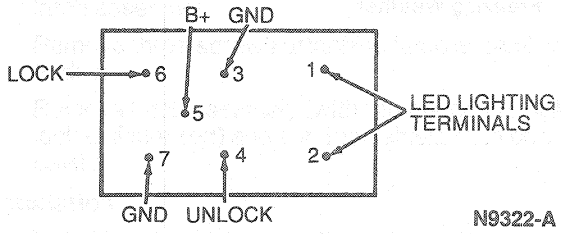
DIAGNOSIS AND TESTING (Continued)

Power Door Lock Switch Test

1. Use a self-powered test lamp or an ohmmeter to test the power door lock switch.
2. With the switch in the NEUTRAL position, there should be continuity between Terminals 6 and 3 and Terminals 7 and 4. Terminal 5 should be disconnected from all other terminals.
3. When the raised portion of the switch rocker knob (marked "L") is pushed, there should be continuity between Terminals 6 and 3 and Terminals 5 and 4. Terminal 2 should be disconnected from all other terminals.
4. When the depressed portion of the switch rocker knob (marked "U") is pushed, there should be continuity between Terminals 5 and 6 and Terminals 7 and 4. Terminal 3 should be disconnected from all other terminals.
5. If the switch assembly does not test as stated, replace the switch.

Power Door Lock Switch Connector Testing Points



Refer to the following Diagnosis Charts when servicing the power door locks and switches.

NOTE: Before starting electrical diagnosis, check for mechanical binds by manually operating door locks. Then operate lock system several times from each switch, while observing the operation of all door locks. Be sure battery is fully charged.

CONDITION	POSSIBLE SOURCE	ACTION
• One Door Lock Does Not Work	• Latch or linkage binding.	• Using Multi-Purpose Grease D7AZ-19584-AA (ESR-M1C159-A and ESB-M1C106-B) or equivalent, spray into latch opening and manually cycle ten times. Check for interference around night latch and all linkage.
	• Open or shorted circuit.	• Check for voltage at actuator connector, operating switch in both positions. Service circuit if necessary.
	• Malfunctioning actuator.	• Test actuator. Replace if necessary.
• All Door Locks Do Not Work	• Malfunctioning circuit breaker.	• Check circuit breaker. (Refer to Section 18-01.) Replace if necessary.
	• Open or shorted circuit.	• Check wiring and connections between circuit breaker and door lock switches. Service if necessary.
• All Locks Work From One Switch Only	• Open or shorted circuit.	• Check wiring and connections between circuit breaker and inoperative switch. Service if necessary.
	• Malfunctioning switch.	• Test actuator. Replace if necessary.
• Door Locks Operate One Way Only	• Open or shorted circuit.	• Check wiring and connections between door lock switches and motors. Service if necessary.
	• Malfunctioning switch.	• Test actuator. Replace if necessary.
	• Open ground circuit.	• Check ground circuit from LH switch. Service if necessary.
• Door Locks Work With Engine Running Only	• Low charge in battery.	• Test battery. (Refer to Section 14-01.) Charge if necessary.
	• Loose or corroded connections.	• Check wiring and connections. Service if necessary.
	• Latch or linkage binding.	• Using Multi-Purpose Grease D7AZ-19584-AA (ESR-M1C159-A and ESB-M1C106-B) or equivalent, spray into latch opening and manually cycle ten times. Check for interference around night latch and all linkage.