

## DIAGNOSIS (Continued)

PINPOINT TEST E  
ILLUMINATED ENTRY

TEST STEP	RESULT	ACTION TO TAKE
<b>E1</b> CHECK MODULE GROUND		
<ul style="list-style-type: none"> <li>Disconnect module connectors (J1), (J2).</li> <li>Check continuity to ground at Pin 5 of connector (J2), and at Pins 1 and 15 of connector (J1).</li> <li>Is there continuity?</li> </ul>	Yes No continuity at connector (J1) No continuity at connector (J2)	GO to E2. SERVICE open in Circuit 57. REPEAT Quick Test. SERVICE open in Circuit 397. REPEAT Quick Test.
<b>E2</b> CHECK POWER TO MODULE		
<ul style="list-style-type: none"> <li>Disconnect module connectors (J1), (J2).</li> <li>Check voltage at Pin 1 of connector (J2) to ground.</li> <li>Check voltage at Pins 14 and 25 of connector (J1) to ground.</li> </ul>	VOM Reading: 10 volts or more Under 10 volts at connector (J2) Under 10 volts at connector (J1)	GO to E3. CHECK and REPLACE fuse. SERVICE open or short in Circuit 54. REPEAT Quick Test. CHECK and REPLACE fuse. SERVICE open or short in Circuit 517. REPEAT Quick Test.
<b>E3</b> CHECK CONTINUITY TO BATTERY SAVER INPUT		
<ul style="list-style-type: none"> <li>Disconnect module connector (J1).</li> <li>Check continuity to Circuit 54 at Pins 10 and 23 of connector (J1).</li> <li>Is there continuity?</li> </ul>	Yes No	GO to E4. SERVICE open in Circuit 54. REPEAT Quick Test.
<b>E4</b> CHECK BATTERY SAVER INPUT		
<ul style="list-style-type: none"> <li>Reconnect module connector (J1).</li> <li>Measure the voltage between ground and Pins 10 and 23 of connectors (J1).</li> <li>Is voltage greater than 10 volts?</li> </ul>	Yes No	GO to E5. SERVICE short in Circuit 54. REPEAT Quick Test.
<b>E5</b> CHECK BATTERY SAVER OUTPUT		
<ul style="list-style-type: none"> <li>With module connector (J1) connected, measure the voltage between ground and Pins 11 and 12 of connector (J1).</li> <li>Is voltage greater than 10 volts?</li> </ul>	Yes No	GO to E6. REPLACE module. REPEAT Quick Test.
<b>E6</b> CHECK IGNITION SWITCH INPUT TO MODULE		
<ul style="list-style-type: none"> <li>Check voltage at Pin 6 of connector (J2) with ignition key switch at RUN and OFF positions.</li> </ul>	VOM Reading: 10 volts or more at Run Above zero volts at OFF or below 10 volts at RUN	GO to E7. SERVICE break or short in Circuit 298. REPEAT Quick Test.
<b>E7</b> CHECK DIMMER SWITCH "ON"		
<ul style="list-style-type: none"> <li>With (J1), (J2) connected measure voltage between Pin 17 (J1) and ground while the dimmer switch is in the ON position (switch closed).</li> </ul>	VOM Reading: 10 volts or more Less than 10 volts	GO to E8. SERVICE open switch Circuit 706. REPEAT Quick Test.
<b>E8</b> CHECK DIMMER SWITCH "OFF"		
<ul style="list-style-type: none"> <li>With module connector (J1), (J2) connected, measure the continuity between Circuit 54 and Pin 7 of connector (J1) while the dimmer switch is in the OFF position (switch open).</li> <li>Is there continuity?</li> </ul>	Yes No	SERVICE shorted switch. REPEAT Quick Test. GO to E9.
<b>E9</b> CHECK INTERIOR LAMP OUTPUT		
<ul style="list-style-type: none"> <li>With (J1) (J2) connected, turn on dimmer switch.</li> <li>Measure voltage between Pins 7 and 19 of connector (J1) and ground.</li> </ul>	VOM Reading: 10 volts or more Less than 10 volts	GO to E10. REPLACE module. REPEAT Quick Test.