

## DIAGNOSIS (Continued)

PINPOINT TEST E  
ILLUMINATED ENTRY (Continued)

TEST STEP	RESULT	ACTION TO TAKE
<b>E17</b> CHECK INPUT TO MODULE FROM DOOR HANDLE SWITCH		
<ul style="list-style-type: none"> <li>For each front door handle: Check continuity between Pin 7 of connector (J2) and ground when door handle is lifted up and when handle is in normal position.</li> </ul>	Continuity with handles lifted and no continuity when handle is in normal position →	GO to E20.
	No continuity when either handle lifted up →	GO to E19.
	Continuity with both handles in normal position →	GO to E18.
<b>E18</b> CHECK DOOR HANDLE CIRCUIT FOR SHORT-TO-GROUND		
<ul style="list-style-type: none"> <li>Disconnect module connector (J2) and both door handle switches.</li> <li>Check for short-to-ground between Pin 7 of connector (J2) and ground.</li> <li>Is there continuity?</li> </ul>	No →	REPLACE door handle switch. REPEAT Quick Test.
	Yes →	SERVICE Short-to-Ground in Circuit 465. REPEAT Quick Test.
<b>E19</b> CHECK DOOR HANDLE CIRCUIT CONTINUITY		
<ul style="list-style-type: none"> <li>Check continuity between Pin 7 of connector (J2) and Circuit 465 connection to door handle switch of the handle(s) which failed Step E12.</li> <li>Is there continuity?</li> </ul>	Yes →	SERVICE door handle switch. REPEAT Quick Test.
	No →	SERVICE break in Circuit 465. REPEAT Quick Test.
<b>E20</b> CHECK MODULE RESPONSE TO DOOR HANDLES		
<ul style="list-style-type: none"> <li>Reconnect module connectors (J1, J2).</li> <li>Key to OFF.</li> <li>Check voltage between Pins 7 and 19 of connector (J1) and ground when you lift up the door handle.</li> </ul>	VOM Reading: 10 volts or more (may be delayed up to 15-30 seconds) →	GO to E21.
	Under 10 volts →	REPLACE module. REPEAT Quick Test.
<b>E21</b> CHECK DOOR JAMB SWITCHES		
<ul style="list-style-type: none"> <li>For each door with all other doors closed:               <ul style="list-style-type: none"> <li>Disconnect module connector (J1).</li> <li>Measure the continuity between Circuit 54 and Pin 7 of connector (J1) with the door open and then closed. (Dimmer switch off in both cases.)</li> </ul> </li> </ul>	Continuity with door open and not continuity with door closed (for all doors) →	GO to E22.
	No continuity with door open (for one or more doors) →	REPLACE damaged / worn door jamb switch(es). REPEAT Quick Test.
	Continuity with door closed (for one or more doors) →	SERVICE short in door jamb switch or circuitry. REPEAT Quick Test.
<b>E22</b> TURN ON INTERIOR LAMPS WITH A JUMPER WIRE		
<ul style="list-style-type: none"> <li>Disconnect connector (J1).</li> <li>Momentarily connect a jumper between Pins 10 and 23 and Pins 7 and 19 of connector (J1).</li> <li>Do lamps come on?</li> </ul>	Yes →	GO to E23.
	No →	SERVICE short or open in Circuits 53 or 54. REPEAT Quick Test.