

DIAGNOSIS (Continued)

(Continued)

PINPOINT TEST B
AUTOMATIC LOCKING SYSTEM (Continued)

TEST STEP	RESULT	ACTION TO TAKE
B15 CHECK BACKUP LAMP SWITCH		
<ul style="list-style-type: none"> Test Switch function. — Refer to Group 17. Is backup lamp switch operational? 	Yes	SERVICE open or short in Circuit 140. REPEAT Quick Test.
	No	REPLACE or SERVICE backup lamp switch. REPEAT Quick Test.

TN8248B

PINPOINT TEST C
KEYPAD ILLUMINATION

Perform Test *ONLY* If Instructed To Do So By Quick Test

This Pinpoint Test Checks:

- Remote Keyless Entry Module
- Keypad Assembly
- Circuits 54, 57, 66, 124, 517, 397

PINPOINT TEST C
KEYPAD ILLUMINATION

TEST STEP	RESULT	ACTION TO TAKE
C1 CHECK POWER INPUTS TO MODULE		
<ul style="list-style-type: none"> Disconnect J1, J2 from module. Check the voltage levels (to ground) at the following pins: <ul style="list-style-type: none"> Pin 1 of connector (J2) (Circuits 54 Town Car, 54 Crown Victoria / Grand Marquis fuse No. 8) Pin 14, 25 of connector (J1) (Circuit 517 Town Car, 171 Crown Victoria / Grand Marquis) Is reading 10 volts or greater? 	Yes	GO to C2.
	No	SERVICE open or short in corresponding circuit(s). REPLACE burned fuse(s). REPEAT Quick Test.
C2 CHECK MODULE GROUND PINS		
<ul style="list-style-type: none"> Check for continuity to Ground at the following pins: <ul style="list-style-type: none"> Pin 5, connector (J2) (Circuit 57 Town Car, 397 Crown Victoria / Grand Marquis) Pin 1, connector (J1) (Circuit 57) Pin 15, connector (J1) (Circuit 57) Is there continuity? 	Yes	GO to C3.
	No	SERVICE open in corresponding circuit(s). REPEAT Quick Test.
C3 CHECK FOR SHORT IN KEYPAD LAMP CIRCUIT		
<ul style="list-style-type: none"> Disconnect the keypad connector and module connector (J2). Check for short between Pin 8 of connector (J2) and ground. Is there a short? 	Yes	SERVICE short in Circuit 66. REPEAT Quick Test.
	No	GO to C4.
C4 CHECK KEYPAD LAMP CIRCUIT RESISTANCE		
<ul style="list-style-type: none"> Connect keypad. Disconnect connector (J2). Apply +12 volts between Pin 8 of connector (J2) and ground. Does keypad illuminate? 	Yes	PERFORM Pinpoint Test D.
	No	GO to C5.
C5 CHECK KEYPAD LIGHTING		
<ul style="list-style-type: none"> Disconnect the keypad. Apply +12 volts between Pin 7 of the keypad connector (driver's door) and ground (Pin 3 of keypad connector). Does keypad illuminate? 	Yes	GO to C6.
	No	REPLACE keypad. REPEAT Quick Test.
C6 CHECK KEYPAD LAMP CIRCUIT FOR OPEN		
<ul style="list-style-type: none"> Disconnect connector (J2) and keypad connector. Check for continuity from Pin 8 of connector (J2) and Pin 7 of the harness connector. Is there continuity? 	Yes	GO to C7.
	No	SERVICE open in Circuit 66. REPEAT Quick Test.