

DIAGNOSIS AND TESTING (Continued)

PINPOINT TEST C: COURTESY LAMP(S) DOES NOT COME ON WHEN ALL DOORS ARE OPEN

TEST STEP		RESULT	ACTION TO TAKE
C1	VERIFY CONDITION ● Check courtesy lamps. ● Is there more than one courtesy lamp?	No	▶ GO to C2.
		Yes	▶ GO to C5.
C2	CHECK OPERATION OF FUSE CIRCUIT ● Check operation of other circuits that share the same fuse. ● Are all circuits from same fuse good?	No	▶ GO to C5.
		Yes	▶ GO to C3.
C3	CHECK FOR POWER ● Check for power to bulb. ● Does bulb illuminate?	No	▶ SERVICE circuit between bulb and common point with other circuits.
		Yes	▶ GO to C4.
C4	CHECK CONTINUITY ● Check continuity of bulb. ● Is there continuity?	No	▶ REPLACE bulb.
		Yes	▶ SERVICE bulb ground.
C5	CHECK FUSE ● Check courtesy lamp fuse(s). ● Are courtesy lamp fuse(s) good?	No	▶ REPLACE fuse. If fuse blows again, CHECK for shorted circuit(s).
		Yes	▶ GO to C6.
C6	CHECK FOR POWER ● Check for power through the fuse. ● Is there power to the fuse?	No	▶ SERVICE power feed circuit.
		Yes	▶ SERVICE open circuit between fuse and common point in courtesy lamp power circuit(s).

TK6000C

NOTE: Before performing diagnosis, verify that the system is malfunctioning. The illuminated entry module will not turn off the courtesy lamp if the lamp is turned on by the headlamp rheostat or if the door is open. For diagnosis of Illuminated Entry on vehicles with Keyless Entry, refer to Section 01-14B.

Check-Out Procedure

1. Terminal numbers referred to in the following procedure relate to illuminated entry actuator connector. The terminals are numbered from left to right (when the connector is held as shown).
2. Any malfunctions diagnosed in Steps 4 and 5 in the charts could be located in either front door.
3. When necessary to trace and/or service various circuits, refer to vehicle wiring diagrams in Group 18.
4. Check system fuses (two) before proceeding.

After Testing

If all of the following tests check out OK and the illuminated entry system is still malfunctioning, the actuator assembly is the cause of the concern and must be replaced.

Quick Checks

1. Verify that courtesy lamp circuit is working properly. If not, check fuse.
2. With ignition switch in ACC or RUN position, verify that other systems which share same accessory fuse are functional. If not, check fuse.
3. If any above systems are not working properly, service inoperative circuit and check operation of illuminated entry system before proceeding with the following complete check-out procedure.