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DIAGNOSIS AND TESTING > HEADLAMPS > PINPOINT TESTS > PINPOINT TEST E : THE FLASH-TO-PASS FEATURE IS INOPERATIVE

Normal Operation and Fault Conditions

REFER to: Exterior Lighting - System Operation and Component Description .

Possible Sources

- LH steering column multifunction switch
- SCCM
- BCM

Visual Inspection and Diagnostic Pre-checks

- Inspect the LH steering column multifunction switch for damage.

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E1 CHECK THE HIGH BEAM OPERATION

Ignition ON.

Place the headlamp switch in the HEADLAMPS ON position.

Activate and deactivate the high beams using the high beam function of the LH steering column multifunction switch.

Do the high beams operate correctly?

Yes	GO to E2
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No	If one or both high beams are inoperative, GO to PINPOINT TEST B : ONE OR BOTH HIGH BEAMS IS INOPERATIVE If one or both high beams are always on, GO to PINPOINT TEST D : ONE OR BOTH HIGH BEAMS ARE ON CONTINUOUSLY
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E2 CHECK THE LH (LEFT-HAND) MULTIFUNCTION SWITCH INPUT

Using a diagnostic scan tool, view SCCM Parameter Identifications (PIDs).

Monitor the SCCM Flash to Pass Switch (FLASH-to-PASS) PID while placing the LH steering column multifunction switch in the FLASH-TO-PASS position.

Does the PID value agree with the LH steering column multifunction switch position?

Yes	GO to E4
No	INSTALL a new LH steering column multifunction switch. REFER to: Steering Column Multifunction Switch LH . TEST the system for normal operation. If the concern still exists, GO to E3

E3 CHECK FOR CORRECT SCCM (STEERING COLUMN CONTROL MODULE) OPERATION

Disconnect and inspect all SCCM connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the SCCM connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.

Is the concern still present?

Yes	CHECK OASIS for any applicable Technical Service Bulletins (TSBs). If a TSB exists for this concern, DISCONTINUE this test and FOLLOW TSB instructions. If no Technical Service Bulletins (TSBs) address this concern, INSTALL a new SCCM. REFER to: Steering Column Control Module (SCCM) .
No	The system is operating correctly at this time. The concern may have been caused by module connections. ADDRESS the root cause of any connector or pin issues.

E4 CHECK FOR CORRECT BCM (BODY CONTROL MODULE) OPERATION

Disconnect and inspect all BCM connectors.

Repair:

corrosion (install new connector or terminals - clean module pins)

damaged or bent pins - install new terminals/pins

pushed-out pins - install new pins as necessary

Reconnect the BCM connectors. Make sure they seat and latch correctly.

Operate the system and determine if the concern is still present.