

Subject:

CHECK ENGINE LIGHT ON WITH DTCS P2451, P2450, P1C0E, P1C12 AND GAS PUMP CLICKS OFF REPEATEDLY

Service Alert No.: SA-047/26

Last Issued : 08/03/2026

BULLETIN NOTES

APPLICABLE MODEL(S)/VINS

2025-2026 CX-50 Hybrid

DESCRIPTION

Some customers may experience:

- The fuel fill door will not release until multiple button applications.
- The gas pump dispenser/nozzle is clicking off during refueling before the tank is full and it may take 1/2 to 1 gallon at a time.
- Check engine light on with DTCs.

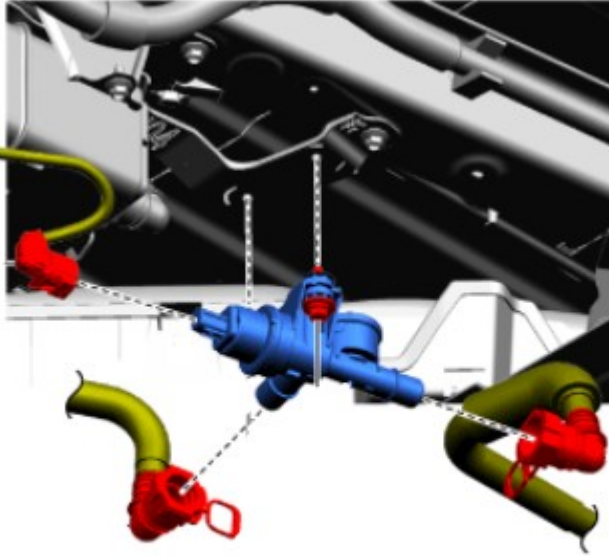
DTC	Description
P1C0E	Evaporative Emission Fuel Tank (Small Leak)
P2450	Fuel Tank Shut Off Valve Stuck Open
P2451	Evaporative Emission System Switching Valve Actuator Stuck Off
P1C12	Fuel Tank Pressure Sensor Signal Stuck in Range

This may be caused by the "evaporative shut valve" sticking in the open or close position, causing restrictions in the evaporative canister vent system.

REPAIR PROCEDURE

1. Verify the customer concern.
2. Replace the evaporative shut valve according to the WSM on MGSS (FUEL SHUT-OFF VALVE REMOVAL/ INSTALLATION [CW]).

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3. Verify the repair.

PARTS INFORMATION

Part number	Description	Qty
CW01-18-725	Shut Valve, Fuel Tank	1

WARRANTY INFORMATION

NOTE: This repair will be covered under Mazda's New Vehicle Limited Warranty term and CA Short Term Warranty.

Warranty Type	A
Symptom Code	6X
Damage Code	9W
Part Number Main Cause	CW01-18-725
Quantity	1
Operation Number / Labor Hours:	F0639XRX / 0.5 Hrs.

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