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 **WARNING:** Always allow the engine to cool before opening the cooling system. Do not unscrew the coolant pressure relief cap when the engine is operating or the cooling system is hot. The cooling system is under pressure; steam and hot liquid can come out forcefully when the cap is loosened slightly. Failure to follow these instructions may result in serious personal injury.

C1 CARRY OUT INSPECTION AND VERIFICATION

Carry out the Inspection and Verification .

Were any concerns found?

Yes	REPAIR as needed.
No	GO to C2

C2 CHECK FOR DTC P0125 OR P0128

Using a scan tool, perform the PCM self-test.

Is DTC P0125 or P0128 present?

Yes	GO to C3
No	The cooling system is operational. If an inoperative temperature gauge is suspected, CHECK the temperature gauge operation. REFER to: Instrumentation, Message Center and Warning Chimes . If an inoperative climate control system is suspected, CHECK the climate control system operation. For Dual Automatic Temperature Control (DATC), REFER to: Climate Control System - Vehicles With: Dual Automatic Temperature Control (DATC) . For Electronic Manual Temperature contro (EMTC), REFER to: Climate Control System - Vehicles With: Electronic Manual Temperature Control (EMTC) . If any other Diagnostic Trouble Codes (DTCs) are retrieved, REFER to: ELECTRONIC ENGINE CONTROLS - 2.3L ECOBOOST (231KW/314PS).



NOTE: Allow the engine to cool before checking the coolant expansion tank.

Visually check the engine coolant level in the coolant expansion tank

C3 CHECK THE COOLANT LEVEL

Is the engine coolant level within specification?

Yes	INSTALL a new thermostat housing. REFER to: Thermostat Housing . CLEAR Diagnostic
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