



Date: 11.03.2026 **Affected Models:** Emira 4-Cylinder Vehicles **Affected Regions:** All Markets **Affected Volume:** N/A **Number:** 131-26007

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Service Manager		Service Reception		Supervisor		Parts Manager	
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TITLE

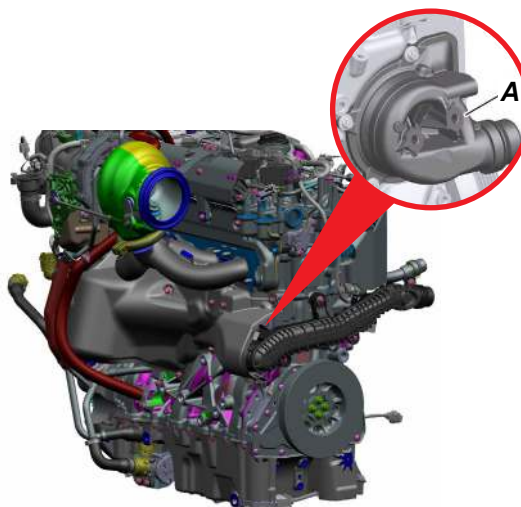
Diagnosing medium temperature engine coolant thermostat operation to prevent unnecessary thermostat replacement.

REASON

The information in this bulletin is intended as a procedure that should be performed if a 4-cylinder Emira has generated Diagnostic Trouble Code (DTC) P2CEF00 Auxiliary Thermostat "A" Stuck Open (see image for thermostat location). Generation of DTC P2CEF00 may also result in:

- Illumination of the Malfunction Indicator Lamp (MIL).
- A low coolant temperature warning message being displayed.

IMPORTANT: Do not continue with the procedure in this bulletin if DTC P2CEF00 has NOT BEEN generated.

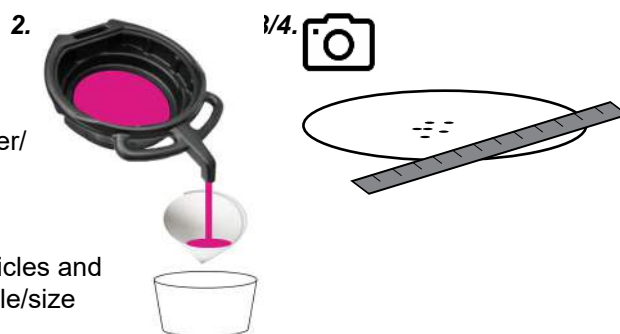


ACTION

If DTC P2CEF00 has been generated, then raise a technical ticket on LCMS (Lotus Cars Management System) and follow the procedure shown below.

Procedure

1. Drain the engine coolant into a clean container*.
2. Filter the coolant through a 200-micron filter paper/sock.
3. Inspect the filter paper/sock.
4. Place a rule over the filter paper next to any particles and take photographs to give an indication of the scale/size of any particles.
5. Flush the engine coolant system with clean water using a suitable automotive air-powered flushing tool.
6. Remove medium thermostat from engine*.



*Refer to Emira service notes available to view on TIS for coolant drain and vacuum filling process.. Coolant drain, see service notes section: 2 Cooling and A/C > C220 46.01 - Engine Cooling System and Fan > Coolant Replace - 4 Cylinder, replacement.

Medium thermostat removal, see service notes section: 1 Power > 71 Engine > 185 40.13-Water Pump Assemblies and Thermostats-I4 > Medium temperature thermostat - I4, replacement.

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Inspect for the cold/closed position of the medium temperature thermostat piston.

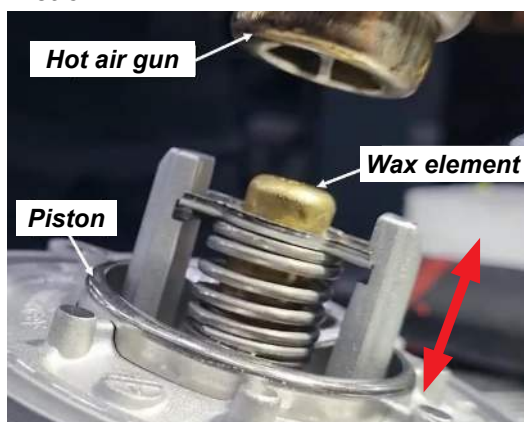


Inspection

- ✓ The piston should be recessed into the thermostat housing as shown in image A, which is the CORRECT closed position for a cold thermostat.

- ✗ If the piston is not recessed or protrudes out of the thermostat housing as shown in image B, then it is in the partially or fully open/hot position which is INCORRECT for a cold thermostat.

Action



Check that the thermostat piston moves freely by applying heat from a hot air gun as shown.

If operating correctly:

1. When heated, the thermostat should open (rise out of the housing) ↑.
2. When allowed to cool, the thermostat should close (lower into the housing) ↓.

A process flow chart showing all the steps of the thermostat checking procedure is shown on page 4 of this bulletin.

Continued...



Options:

- 1.If the thermostat **MOVES FREELY** when heated and cooled, then refit the original thermostat with a new gasket and refill the engine with new antifreeze/coolant.
- 2.If the thermostat **DOES NOT** move freely when heated and cooled, then fit a **NEW** thermostat and gasket and refill the engine with new antifreeze/coolant. Carefully package the thermostat and contact Emira Support using LCMS to arrange collection.

Warranty Declaration

This technical service bulletin is not intended as a recall procedure, nor will it have an affect on the vehicles warranty period.

CHARGES

The applicable A or B warranty claim option may be submitted on the warranty section of the Lotus Commercial Management System (LCMS).

Option A: Test thermostat, piston working correctly, refit

1 x Thermostat elastomer IC molded seal medium temperature (8896449854) and a sublet value for a suitable quantity of coolant antifreeze. 4.2 hours labour/vehicle, Use operation code 40.13.03-00 Medium Temperature Thermostat Test. Use A code 1F and B code 37.

Quote TSB number QBP-131-26007 in the claim text.

Option B: Test thermostat, piston stuck, renew

1 x Thermostat elastomer IC molded seal medium temperature (8896449854), 1 x Thermostat medium temperature (8896449852) and a sublet value for a suitable quantity of coolant antifreeze. 4.2 hours labour/vehicle, Use operation code 40.13.03-00 Medium Temperature Thermostat Test. Use A code 1F and B code 37.

Quote TSB number QBP-131-26007 in the claim text.

Additional information that must be included for either warranty claim option

- Are particles present in the coolant? (Yes/No).
- If 'Yes' then attach photograph of the particles on the filter paper to the claim.
- Was the thermostat piston stuck open? (Yes/No).
- If the thermostat piston was not stuck open, was the piston free to move? (Yes/No).

Important

- Failure to provide the information above may result in the warranty claim being rejected.
- Any thermostats returned by the dealer as faulty, but found to be operating correctly when tested by Lotus may also result in the warranty claim being rejected.

Ends.

