SERVICE BULLETIN TSB CLASS 3

Date:	Affected Models:	Affected Regions:	Affected Volume:	Number:
30.09.2026	Emira 4-Cylinder Vehicles	All Markets	N/A	131-26007 Issue 3

Copy files should be maintained by:

Service Manager		Service Reception		Supervisor		Parts Manager	

Issue 3 includes updated information on thermostat the testing method and replaces version 2 of this bulletin published on 05.08.2026.

TITLE

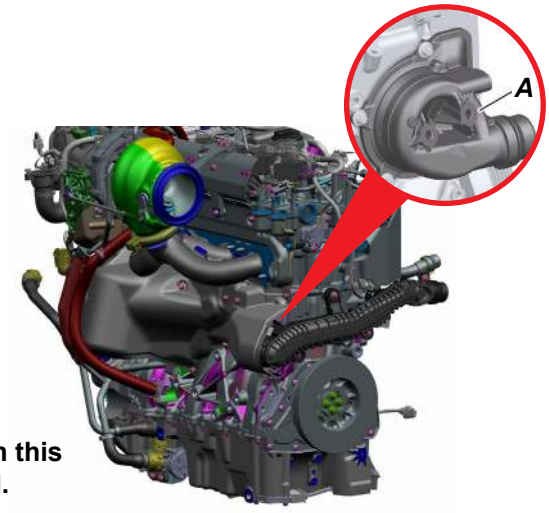
Diagnosing medium temperature engine coolant thermostat operation to prevent unnecessary thermostat replacement.

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.

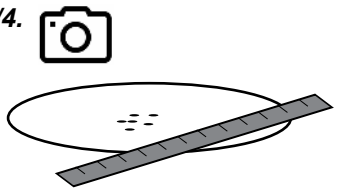
Procedure

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.

2.



3/4.



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.

Continued...

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.

Action



Check that the thermostat piston moves freely by:

- Placing the thermostat over a suitable sink drain.
- Slowly pour a full kettle of boiling water over the top of the wax element, keeping the kettle spout close to the wax element. The pour rate should be approximately 30 seconds for a 1.5 litre capacity kettle.

If operating correctly:

1. Once the full kettle of water had been poured over the wax element, the thermostat should open (rise out of the housing) ↑.
2. When allowed to cool, the thermostat should close (lower into the housing) ↓.

X 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

- Carefully package the thermostat and contact Emira Support using LCMS to arrange collection.
- Fit a new thermostat and gasket and refill the engine with new antifreeze/ coolant.

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

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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 (select correct part number applicable to vehicle's model year and market)* 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.

*For medium temperature thermostat part number options, refer to the EPC (Electronic Parts Catalogue) available to view on TIS, Section 1 - Power > 182 40.00 Engine Assembly > Water-Pump Assembly and Thermostat.

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.

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