



Technical Service Bulletin

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Damaged Coolant Thermostat Caused by Fault Codes 146, 151, 1962, 2646, and 2963	

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Warranty Statement

The information in this document has no effect on present warranty coverage or repair practices, nor does it authorize TRP or Campaign actions.

Contents

Product Affected

- ISL9 CM2250
- ISL9 CM2350 L101
- L9 CM2350 L116B
- L9 CM2350 L123B

Issue

Symptom:

- Fault Codes
 - 146
 - 151
 - 1962
 - 2646
 - 2963
- Improper function of coolant thermostat.
- Excessive coolant temperature.
- Engine unable to reach operating temperature.

Root Cause:

- Fatigue malfunction caused by hydraulic pressure.

Verification

Inspect coolant thermostat for damage. See Figure 1.

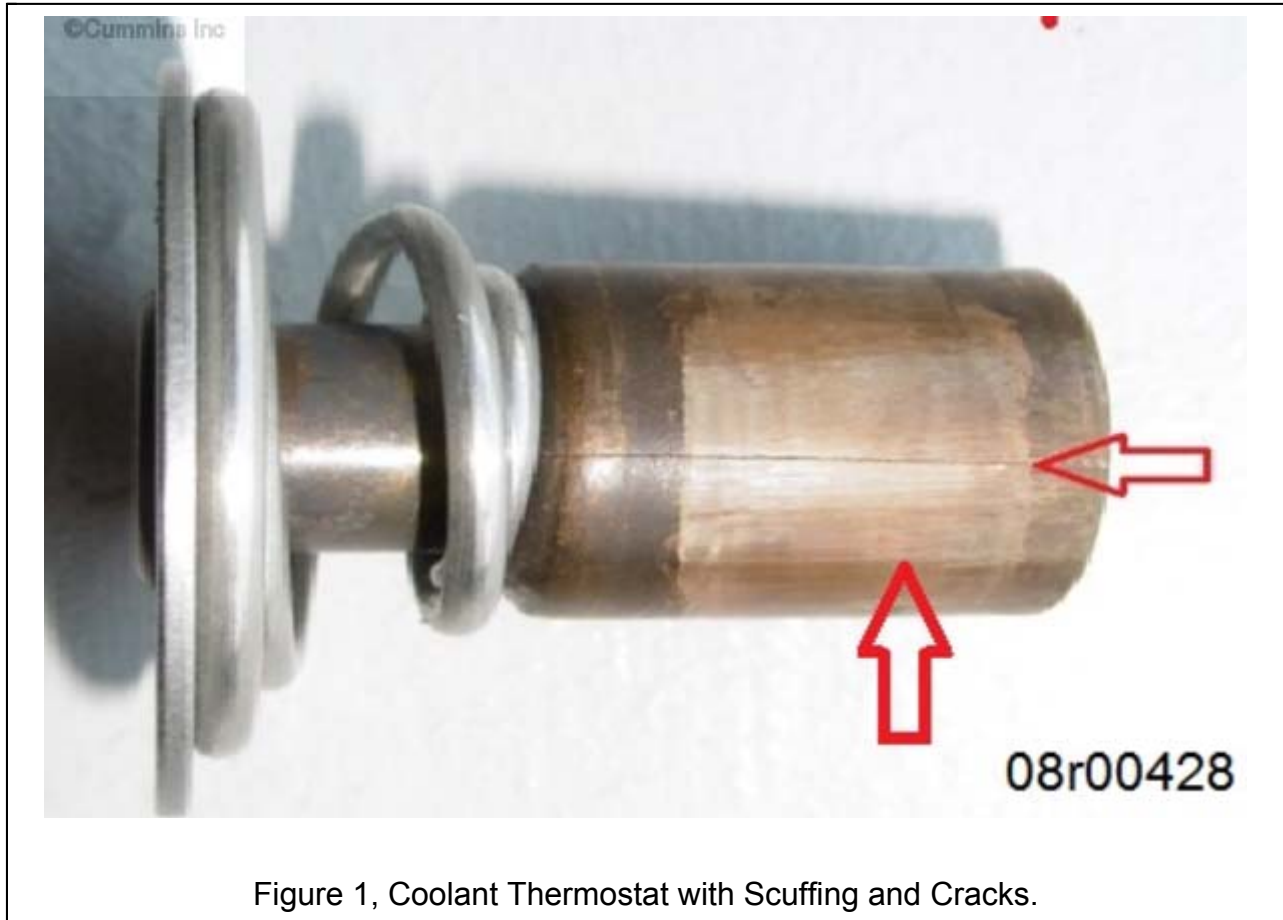


Figure 1, Coolant Thermostat with Scuffing and Cracks.

Resolution

Replace coolant thermostat. Refer to Procedure 008-013 (/qs3/pubsys2/xml/en/procedures/-008-013.html) in corresponding Service Manual

Document History

Date	Details
2018-2-27	Module Created

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