

Technical Service Bulletin Number
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TSB150071



Technical Service Bulletin

Subject

Intake Manifold Pressure/Temperature Sensor Water Intrusion Resulting in Fault Code 122, 123, 124, 125, or 2973

Issue

A new intake manifold pressure/temperature sensor, Part Number 2897334, was released in July 2014.

The capacitor in the new intake manifold pressure/temperature sensor is **not** completely covered in protective silicone gel, leaving the capacitor exposed.

Moisture intrusion from water spray and water/ice accumulation on the air intake manifold can cause corrosion and incorrect sensor readings.

Fault Code(s) 2973, 122, 123, 124, or 125 can be set as a result.

NOTE: This issue does not affect obsolete intake manifold pressure/temperature sensor, Part Number 2872784.

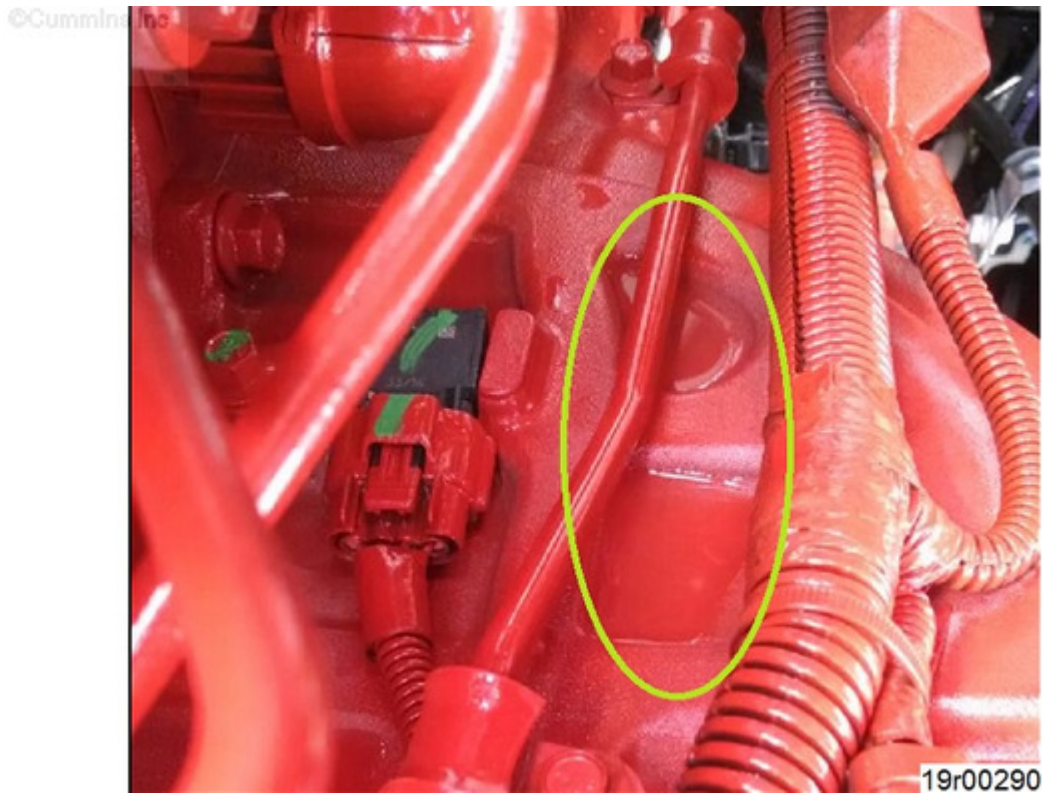


Figure 1, Water Accumulation On The Air Intake Manifold.

Verification

Product Affected

- ISL9 CM2350 L101
- ISX12 CM2350 X102
- ISX15 CM2350 X101
- ISX15 CM2250 SN
- QSX15 CM2350 X106

Verification Steps

1. Use INSITE™ electronic service tool to check for active or inactive Fault Code(s) 2973, 122, 123, 124, or 125.
2. If any of the fault codes listed above are present, remove the intake manifold pressure/temperature sensor and confirm that the part number is 2897334. The part number can be found on the connector.
3. If the part number is 2897334, locate the 16-digit serial number on the intake manifold pressure/temperature sensor connector. See Figure 2 below.
4. If the serial number is 91514383xxxxxxx or above, published troubleshooting should be resumed.
5. If the serial number is 91514382xxxxxxx or below, reference Resolution section below.



Figure 2, Serial Number Location on the Intake Manifold Pressure/Temperature Sensor.

Resolution

Table 1, Intake Manifold Pressure/Temperature Sensor Serial Number Range		
Part Number	Serial Number	Status
2897334	91514383xxxxxxx and above	OK
	91514382xxxxxxx and below	Not OK

If issue has been verified and intake manifold pressure/temperature sensor serial number range status is **Not** OK per Table 1, replace with part number 2897334, which has a serial number status that is OK per Table 1.

NOTE: Obsolete intake manifold pressure/temperature sensor, Part Number 2872784, can also be used to replace intake manifold pressure/temperature sensor, Part Number 2897334.

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.

Document History

Date	Details
2015-5-14	Module Created

Last Modified: 28-May-2015

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