



# Technical Service Bulletin

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Fault Code 5655: SCR System Test Failing NOx Sensors on Low Hour Aftertreatment Systems	

## Fault Code 5655: SCR System Test Failing NOx Sensors on Low Hour Aftertreatment Systems

### 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

- L9 CM2450 L126B

#### Issue Summary

Symptom:

- The SCR System test fails the NOx sensor rationality portion of the test, directing the technician to replace the NOx sensors.

Root Cause:

- If the unit has over 200 engine hours and has **not** had the aftertreatment replaced, proceed with published troubleshooting direction.
- Software tuning can cause the SCR System Test to falsely fail NOx sensors when the aftertreatment diesel oxidation catalyst (DOC) and/or aftertreatment selective catalytic reduction catalyst (SCR) have less than 200 engine hours.

#### Verification

Verify the aftertreatment SCR catalyst or aftertreatment DOC have less than 200 engine hours.

#### Resolution

If the unit has less than 200 engine hours or the aftertreatment has been replaced in the last 200 engine hours, perform the following steps:

- Do **not** replace the NOx sensors.
- Complete the remaining published troubleshooting steps.
- Clear the fault codes.

- Operate engine following conditions to clear the fault code.
- If fault codes do **not** return, release the unit to the customer.
- If fault codes return, follow the local escalation process.

## Document History

Date	Details
2021-8-20	Module Created

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**Last Modified: 24-Aug-2021**

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