

Reference	SSM76460
Models	New Range Rover / L460 New Range Rover Sport / L461
Title	NC10 V8 T/C 4.4L Petrol Mid Catalyst Heated Oxygen Sensor
Category	Engine
Last modified	01-Jun-2026 09:34:00
Symptom	499000 Basic Engine

Content**Model / Model Year / Derivative**

Range Rover / 22-23MY / V8 4.4L T/C Petrol

Range Rover Sport / 23MY / V8 4.4L T/C Petrol

Situation:

JLR Engineering investigations have found customer reports of the Malfunction Indicator Lamp (MIL) is illuminated on the instrument panel.

Cause:

The cause is currently under investigation. The information gathered from this SSM will assist the investigation.

Action:

Refer to the service request below.

Service Request

NOTE: This SSM applies **only** to vehicles that meet the following diagnostic criteria:

Diagnostic Trouble Codes (DTCs) stored in the Powertrain Control Module (PCM):

- **P2270-00 – O2 Sensor Signal Biased/Stuck Lean Bank 1 Sensor 2**
- **P2272-00 - O2 Sensor Signal Biased/Stuck Lean Bank 2 Sensor 2**

1. Connect the JLR approved Battery Support Unit and JLR approved diagnostic equipment.

2. Run 'Network Integrity Test' to confirm DTCs stored

- If P2270-00 is confirmed, **replace Heated Oxygen Sensor 2 on Bank 1 only.**
- If P2272-00 is confirmed, **replace Heated Oxygen Sensor 2 on Bank 2 only.**
- If both DTCs are confirmed, **replace both sensors.**

Part Information: The heated oxygen sensor is available as a service part under part number **LR159844.**

3. Refer to TOPIx Workshop Manual section 303-14: Electronic Engine Controls – V8 T/C 4.4L Petrol – Removal and Installation – Mid Catalyst Heated Oxygen Sensor Right and/or – Mid Catalyst Heated Oxygen Sensor Left.

4. Clear All DTC(s)

5. Raise an Electronic Product Quality Report (EPQR) quoting SSM 76460

(Ref: 000373008 / 9499)

anBhdhRlcnM7MjAyNi0wNi0wMVQxMjpxMTYyOS45MjBzOzEwOC4yOS43NS4xMDQ7