

Reference	SSM76497
Models	New Range Rover / L460 New Range Rover Sport / L461
Title	Engine MIL Illuminated With Crankshaft Position Correlation DTCs Stored
Category	Engine
Last modified	21-Aug-2026 10:21:00
Symptom	499000 Basic Engine
Content	Model / Model Year / Derivative Range Rover / 24MY onwards / V8 4.4L T/C Petrol Range Rover Sport / 24MY onwards / V8 4.4L T/C Petrol Situation: JLR Engineering investigations have identified reports of the Malfunction Indicator Lamp (MIL) illuminated on the instrument panel, with one or more of the following Diagnostic Trouble Codes (DTCs) stored: • P0016-79 - Crankshaft Position – Crankshaft Position Correlation Bank 1 Sensor A • P0017-79 - Crankshaft Position – Crankshaft Position Correlation Bank 1 Sensor B • P0018-79 - Crankshaft Position – Crankshaft Position Correlation Bank 2 Sensor A • P0019-79 - Crankshaft Position – Crankshaft Position Correlation Bank 2 Sensor B Cause: The Powertrain Control Module (PCM) falsely flags these DTCs when the Engine Off Time and Time Since Engine Start is less than 10 minutes or 600 seconds with both push button start and stop start. A PCM software update is in development. Action: Refer to the service information below. Service Information:

1. Use datalogger to check DID 0x0585 - Engine Off Time and DID 0xF41F - Time Since Engine Start.
2. Check the DTC occurrence time, if both the Engine Off Time and Time Since Engine Start are less than 10 minutes or 600 seconds:

- Clear all related DTCs.
- Recheck for the DTCs mentioned above.
- If the DTCs **DO NOT** reappear, **DO NOT** replace any components and return the vehicle to the customer, a software update is in development.

NOTE: In this scenario, the above DTCs **DO NOT** indicate a mechanical failure of the engine timing system, camshaft sensors, crankshaft sensor or associated components.

- If the DTCs **DO** reappear follow the TOPIx DTC help text guidance for the stored DTCs.

3. If the Engine Off Time is greater than 10 minutes or 600 seconds:

- Follow the TOPIx DTC help text guidance for the stored DTCs.

(Ref 000387746 / 10885)

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