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| Reference | SSM76223 |
| Models | Defender / L663 |
| Title | Diagnostic Trouble Code (DTC) P2270-00 Stored In The Powertrain Control Module (PCM) |
| Category | Engine |
| Last modified | 22-Nov-2024 00:00:00 |
| Symptom | 403000 Exhaust System Concerns |
| Attachments | Attachment 15.JPG (Attachment 15.JPG) |

Content **Model / Model Year / Derivative**

Defender / 20MY onwards / AJ20P6H

Situation:

JLR Engineering investigations have found that a number of vehicles have DTC P2270-00 'O2 Sensor Signal Stuck Lean - Bank 1, Sensor 2' stored in the PCM. During diagnosis the technician has determined that the mid catalyst heated oxygen sensor (HO2S) is at fault leading to a replacement sensor being installed.

Cause:

Currently under investigation. Following the guidance within this SSM will assist Engineering with their investigations.

Action:

Refer to the service request below.

Service Request:

Do not replace any components unless advised by the Technical Assistance (TA) team.

Where the DTC P2270-00 is found to be stored in the PCM, follow the DTC helptext to diagnose the issue. If following diagnosis it is determined that a mid catalyst HO2S is required raise a TA to PTS_150 before proceeding with the repair. The TA team will provide guidance on how to progress.

Note: You may be advised by the TA team to replace the mid catalyst HO2S and the exhaust catalytic converter highlighted in 'Attachment 1'. You will also be required to retain the old components so that a Parts Return Request (PRR) can be raised for return of the parts to JLR for analysis.

Note: This SSM will be updated in the near future with further information.

(Ref 000386490)