

Document Information

Vehicles affected: P13: 540C, 570S, 570S Spider, 570GT, 600LT, 600LT Spider

Location: Powertrain Engine – Engine Electronics

Topic: Engine Warning Light ON

Condition: Permanent

Diagnostic Trouble Codes:

P217700 Fuel System Adaptions (Multiplicative): Adaptive values reach the limit (bank 1): Max Fault

P217900 Fuel System Adaptions (Multiplicative): Adaptive values reach the limit (bank 2): Max Fault

Measure

During certain driving conditions, such as low engine speed, low load and high gear selection, the fuel adaption values in the Engine Control Module (ECM) can become excessive and trigger the Engine Warning Light. A new ECM Software has become available and is included in the latest software platforms for all MY P13 models.

In the event of a customer concern relevant to the above where the two DTCs are present, commence the diagnosis by checking that the vehicle's ECM software (and in extend the vehicle's full software platform) is up to date.

If the ECM software is not up to date the first step for resolving this concern would be to update the engine software.

A full air path leak test should also be carried as per SIS instructions out to eliminate unmeasured air affecting the fuel adaptions further.

Parts Information

N/A

Attachments

N/A

KA Update Information

28/04/2021 - KA Review

This document is uncontrolled when printed. Before use, check the Knowledge Base within the McLaren Retailer Portal to verify that this is the current version.