

Reference	SSM75509
Models	Range Rover Velar / L560
Title	INGENIUM I6 3.0L Petrol – Malfunction Indicator Lamp (MIL) illuminated
Category	Engine
Last modified	20-Aug-2021 00:00:00
Symptom	499000 Basic Engine
Attachments	AJ20P6 Earth Location.pdf (AJ20P6 Earth Location.pdf)

Content

Issue:
 JLR is investigating customers reporting Malfunction Indicator Lamp (MIL) illuminated and engine Misfire. DTC's **P0300-00** - Random/Multiple Cylinder Misfire Detected - No sub type information and **P0420-00** - Catalyst System Efficiency Below Threshold (Bank 1) - No sub type information will be logged within the Powertrain Control Module (PCM), other possible DTC's P0301-00 / P0302-00/ P0303-00/ P0304-00/ P0305-00/ P0306-00

Cause:

Engine ignition coil circuit intermittently has a higher resistance through the earth harness point because the fastener is not completely secured against the eyelet/earth strap.

Action:

Please follow the steps below:

- Inspect G1D178C-1 and G1D108A-1, making sure they are secure and torqued correctly and in the correct orientation
- If loose secure, the earthing points G1D178C-1 and G1D108A-1 to the torque 24 Nm +/- 1.5
- If **P0420-00** - Catalyst System Efficiency Below Threshold (Bank 1) - No sub type information will be logged within the Powertrain Control Module (PCM), please replace the Catalyst before returning to the customer.

Thank you in advance for your assistance with this matter.

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