

Special Service Message

NOTE: A Special Service Message is a formal communication issued by Land Rover and carries the same importance of a Technical Service Bulletin. An SSM is a quick method of communicating "Need To Know" information to the technical service community. SSM's may be issued in advance of a technical bulletin or may be the only communication on a given topic. All information contained in Land Rover technical communications are intended for use by trained, professional technicians with the knowledge, tools, and equipment required to complete the procedure correctly and safely. It informs the Technicians of conditions that may occur on some vehicles, or provides information that could assist in correct vehicle and diagnostic service.

SSM 75635 - Ingenium I4 2.0L Petrol - P0142-00 O2 Sensor Circuit Bank 1 Sensor 3 - No sub type information

Models : Discovery Sport / L550

New Range Rover

Evoque / L551

Engineer Hooper Tristan

Name :

Last Modified 10 DEC 2021 08:58:53

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Category : Engine

Symptom : 499000 Basic Engine

Content : **Issue:**

JLR is investigating Ingenium I4 2.0L Petrol logging P0142-00 O2 Sensor Circuit Bank 1 Sensor 3 - No sub type information logged within the Powertrain Control Module (PCM) resulting in Oxygen Sensor 3 replacements.

Cause:

Persistent engine misfire logging DTC P1315 Persistent Misfire - No sub type information also logged within the Powertrain Control Module (PCM). This may cause lower exhaust gas temperatures which then triggers P0142-00 and is resulting in false replacements of Oxygen sensor although the sensor is functioning correctly, resulting in repeat claims.

Action:

When completing vehicle diagnosis, if DTC P1315 Persistent Misfire - No sub type information is logged within the Powertrain Control Module (PCM), please follow the DTC help text for this DTC prior to investigating P0142-00 O2 Sensor Circuit Bank 1 Sensor 3 - No sub type information.

Thank you for your assistance with this matter.