

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 75589 - 21MY L550/L551 P4 Mid P250 with poor engine running or unstable idle

Models : Discovery Sport / L550

New Range Rover

Evoque / L551

Engineer Chin Nicholas

Name :

Last Modified 09 NOV 2021 21:32:33

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Category : Engine

Symptom : 404000 Fuel System Concerns

Content : Issue:

1. Customer verbatim that refers to poor, unsteady idle, or rough running.
2. MIL present.
3. Any single or combination of misfire DTCs P1315-00, P0316-00, P0300-00 present in the session file.
4. Damage to one or more spark plugs.
5. Engine may show damage to either exhaust valve, piston or bore.
6. Exhaust sensors may show damage.

Prior to requesting a replacement engine via a FRED submission, please perform the following actions:

- Check spark plug fittings are tight. If away from specification, record the torque values and re-torque spark plugs to specs.
- Check the coil grounds (G1D1100A-1 and G1D198A-1) and the engine ground strap to body are clean, secure and not damaged.
- Take a 500 ml fuel sample and store in glass container (clean) fuel safe container label with VIN and mileage.
- Take and store a 100ml oil sample in (clean) glass container label with VIN and mileage.
- Take photos of any damage in the above mentioned components.

Important. Record all results and attach photos to the FRED submission. JLR we will provide instructions for fuel and oil sample testing.

