

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 75182 - AJ20-P6 XCL 19MY Engine Misfire, Rattle, Knock, lack of power.

Models : Defender/L663
Discovery / L462
Range Rover / L405
Range Rover Sport / L494
Range Rover Velar / L560

Engineer :Skingle Paul

Date Last 15 DEC 2020 09:24:46

Updated :

Content :Issue:

A customer may complain of a rattle from the engine initially during acceleration, that may have progressed to a continuous knock / rattle from the engine. Usually during pull away, engine management light may be illuminated. And reduced performance will be experienced.

Cause:
Unknown.

Action:
If the following DTCs have been logged DTCs P023A, P023B, P2CB2, please continue to diagnose following WSM-33424, 100-00 General information – description and operation powertrain control module.
If the following DTCs have been logged - P030X (Cyl 1,2,3,4,5,6), P1315, P0505-22, please continue to diagnose following WSM-37955, 100- general information – description and operation powertrain control module.

1. Check the charge air cooler pump ensuring there are is no damage to the pump connector. (Please see attachment)
2. Check the associated link harness connections, ensure connector pins and seals are located correctly and not damaged or displaced.
3. Ensure there is a good earth and power to the pump and relevant earth points are robust.

Thank you for your assistance with this matter.

Version : 1

Attachments : [JLR Charge Air Cooler Visual Checks.pdf](#)