

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 74513 - L405 / L494 ARC noise issue

Models : Range Rover / L405

Range Rover Sport /
L494

Engineer Shilvock Matthew

Name :

Last 12 AUG 2019 12:52:53

Modified :

Category : Chassis

Symptom : 304000 Suspension System

Content :

Issue:

ARC Moan - Customer reports noise as a Hum / Whine / Moan. The noise typically occurs when the ARC system is hot, (fluid above 60 degC) when coming to rest and for up to 15 seconds after the vehicle stops. The noise is generally heard between idle and 900rpm as a tonal noise, which may or may not change frequency to a higher tone at around 800rpm.

Cause:

The noise is caused by the pre-load valve within the valve block but the exact cause is not understood, it is not detrimental to system performance but can be annoying.

Action:

At this time the only repair action is to change the valve block, however currently the service part may exhibit the same issue. Changing other components in the system will not fix the noise.

Model years affected

17, 18 19 & 20

