

Jaguar Land Rover Recall P050

573.6 (c) (6) - Chronology of Events

Reports of TPMS system issues were received starting December 2013 and analysis of field data during January and February 2014 prompted JLR Engineering to request the return of failed components for supplier analysis and investigation.

As a result of this preliminary investigation, the issue was raised at the Jaguar Land Rover's Critical Concerns Review Group (CCRG) meeting on the May 19, 2014, and a formal investigation was opened to review this concern.

The investigation continued during June and July 2014 and revealed during the initial phase of driving from being stationary for > 15 minutes, the TPMS system seeks to localize the wheel units by communicating (known as buzzing) each one in turn and "listening" for the 'ID+ buzz' code.

If the vehicle stops for greater than 2 minutes, there is a chance that the localization process will fail when the vehicle starts to move off.

The wheel unit is 'buzzed' by the initiator in the wheel arch during the localization process, the wheel unit will transmit 3 'id' frames 15 seconds apart. If the vehicle stops, or goes below 5 mph, the wheel units do not transmit the remaining 'id' frames. When the vehicle starts to move again above 17 mph, the localization process restarts and can get confused, as the wheel unit will transmit the remaining 'identifier' frames, when the next wheel is 'buzzed'.

On the July 28, 2014 Jaguar Land Rover CCRG reviewed all information available and concluded that this issue be progressed to the Jaguar Land Rover Technical Review Group (TRG) for consideration.

On August 7, 2014 this issue was progressed to the Technical Review Group (TRG) where a detailed technical review of this matter was conducted. The TRG concluded that the issue be progressed to Jaguar Land Rover's Field Review Committee (FRC)

This issue was reviewed by Jaguar Land Rover's Field Review Committee on September 25, 2014 and it was agreed that the condition represents an unreasonable risk to safety and that a safety recall should be completed.

There have been no reports of accidents or injuries as a result of this concern.