

Part 573 Safety Recall Report**14V-618****Manufacturer Name :** Jaguar Land Rover North America, LLC**Submission Date :** OCT 02,2014**NHTSA Recall No. :** 14V-618**Manufacturer Recall No. :** P050**Manufacturer Information :**

Manufacturer Name : Jaguar Land Rover North America, LLC

Address : 555 MACARTHUR BOLULEVARD

MAHWAH NJ 07430

Company phone : 201-760-8534

Population :

Number of potentially involved : 28,037

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2014-2014 Land Rover Range Rover

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2014 Land Rover Range Rover in selected VIN range.

Production Dates : SEP 16, 2013 - JUN 30, 2014

VIN (Vehicle Identification Number) Range

Begin : SALGS2EF1EA138660

End : SALGS2WFXEA180114

 Not sequential VINs

Vehicle : 2014-2014 Land Rover Range Rover Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2014 Land Rover Range Rover Sport in select VIN range.

Production Dates : SEP 16, 2013 - JUN 30, 2014

VIN (Vehicle Identification Number) Range

Begin : SALWR2WF8EA315968

End : SALWG2WF2EA383012

 Not sequential VINs

Vehicle : 2013-2014 Land Rover LR4

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2013-2014 Land Rover LR4 in select VIN range

Production Dates : SEP 16, 2013 - JUN 30, 2014

VIN (Vehicle Identification Number) Range

Begin : SALLAAD4DA694759

End : SALLAAV6EA726009

Not sequential VINs

Description of Defect :

Description of the Defect : The Tire Pressure Monitoring System (TPMS) warning indicator lamp may flash accompanied by the message 'TPMS system fault' on the instrument cluster as a result of a failure of the TPMS sensor localization process. During the failed period, tire pressure loss will not be reported to the driver.

Description of the Safety Risk : Vehicle wheels that are not being monitored by the TPMS may lead to the tire (s) being significantly under inflated. Driving with tires significantly under inflated can lead to loss of vehicle stability and increase the risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :

Component Manufacturer

Name : Continental Automotive

Address : NR

NR

Country : NR

Chronology :

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)

CONTINUED IN COMMENTS SECTION

Description of Remedy :

Description of Remedy Program : Owners will be notified and instructed to take their vehicle to a Land Rover dealer who, in the case of 2014 Model Year Range Rover, Range Rover Sport and LR4 vehicles, will download the latest level of Body Control Module (BCM) software.

Uniquely for 2013 Model Year Land Rover LR4 vehicles the software level is not compatible for the particular software version used on 2014 MY vehicles, therefore, Land Rover dealers will replace the wheel sensors built to the latest specification.

There will be no charge to owners for this repair.

How Remedy Component Differs from Recalled Component : NR

Identify How/When Recall Condition was Corrected in Production : NR

Recall Schedule :

Description of Recall Schedule : Mailing of owner notification letters will occur on or before December 1, 2014.
Notifications to dealers will occur on October 7, 2014.

Planned Dealer Notification Date : OCT 07, 2014 - OCT 07, 2014

Planned Owner Notification Date : DEC 01, 2014 - DEC 01, 2014

* NR - Not Reported