

Part 573 Safety Recall Report

20V-517

Manufacturer Name : Jaguar Land Rover North America, LLC**Submission Date :** SEP 04, 2020**NHTSA Recall No. :** 20V-517**Manufacturer Recall No. :** N486**Manufacturer Information :****Population :**

Manufacturer Name : Jaguar Land Rover North America, LLC

Number of potentially involved : 1,285

Address : 100 Jaguar Land Rover Way

Estimated percentage with defect : 100 %

Mahwah NJ 07495

Company phone : 8188500

Vehicle Information :

Vehicle 1 : 2020-2020 LAND ROVER RANGE ROVER EVOQUE

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : Certain 2020 MY Land Rover Range Rover Evoque, non-PHEV specification vehicles fitted with 18inch wheels have the Tire Pressure Monitoring System (TPMS) pressure set incorrectly in the instrument cluster. The set instrument cluster stored pressures are employed by the TPMS system to determine pressure thresholds against which TPMS warning system activation should occur. The TPMS will not illuminate the warning telltale at the correct pressure when the tire pressure is 25% below the manufacturer's recommended cold inflation pressure as stated on the Tire Placard. The TPMS system set pressure on the instrument cluster does not correspond with the correct information on the Tire Placard. The pressures stated on the Tire Placard are correct.

The basis of the recall population was derived from Jaguar Land Rover data where the VIN range for vehicles affected were determined by specific model type, 2020MY Land Rover Range Rover Evoque Non-PHEV specification vehicles fitted with 18inch wheels from VIN SALZJ2FX3LH071163 built December 3, 2020 to SALZJ2FX6LH103507 built July 15, 2020.

Production Dates : DEC 03, 2019 - JUL 15, 2020**VIN Range 1 : Begin :** SALZJ2FX3LH071163 **End :** SALZJ2FX6LH103507 Not sequential

Description of Noncompliance :

Description of the Noncompliance : certain 2020 MY Land Rover Range Rover Evoque, non-PHEV specification vehicles fitted with 18inch wheels, the Tire Pressure Monitoring System (TPMS) pressure has been set incorrectly in the instrument cluster. The set instrument cluster stored pressures are employed by the TPMS system to determine pressure thresholds against which TPMS warning system activation should occur. The TPMS will not illuminate the warning telltale at the correct pressure when the tire pressure is 25% below the manufacturer's recommended cold inflation pressure as stated on the Tire Placard. The TPMS system set pressure on the instrument cluster does not correspond with the correct information on the Tire Placard. The pressures stated on the Tire Placard are correct. Vehicles in this condition will not meet the requirements of Federal Motor Vehicle Safety Standards (FMVSS) 138 Tire Pressure Monitoring System.

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : Operation of tires at low inflation pressures can contribute to separation of the tire tread. If the tread separates from the tire, the driver can lose control of the vehicle, possibly resulting in a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Involved Components :

Component Name 1 : Software

Component Description : Software

Component Part Number : L8D2 14C152 A

Supplier Identification :**Component Manufacturer**

Name : Jaguar Land Rover Limited

Address : Abbey Road

Whitley, Coventry FOREIGN STATES CV34LF

Country : United Kingdom

Chronology :

During vehicle inspection at the Halewood assembly plant during July, 2020, plant technicians identified a concern with the TPMS system. Jaguar Land Rover issued a stop shipment notice on July 16, 2020, to contain the vehicles while engineering investigated the concern.

A Product Safety and Compliance Committee (PSCC) investigation was opened on July 21, 2020, where 2020MY Range Rover Evoque non-PHEV specification vehicles, fitted with 18inch wheels, were identified as having tire pressures on the instrument cluster which may not correspond with the tire pressures on the tire placard. The PSCC directed engineering to investigate this difference in stated pressures and the effect on the vehicles.

The engineering team reported back to the PSCC that the tire pressures stored in the instrument cluster (and used as reference pressures for TPMS) were lower than the pressures on the Tire Placard on the affected vehicles. During August 2020, the investigation continued to assess the scope of this issue and ensure the vehicle type affected was defined correctly.

On August 18, 2020, the PSCC validated the scope of vehicles affected, and concluded the issue be progressed to the Recall Determination Committee (RDC) for consideration.

The RDC reviewed all information on August 20, 2020, where Engineering confirmed that with the lower than specified tire pressures in the instrument cluster, TPMS lamp illumination will occur but at a pressure that exceeds the 25% change from the stated cold inflation pressures. The RDC concluded that the vehicles in this condition do not comply with Federal Motor Vehicle Safety Standards (FMVSS) 138 Tire Pressure Monitoring System regulations and that a voluntarily non-compliance recall be conducted.

There have been no reported accidents, injuries or fires as a result of this concern.

Description of Remedy :

Description of Remedy Program : Owners will be notified and instructed to take the vehicle to an approved Land Rover repairer who will download the latest software to the vehicle.

The affected vehicles will be covered under Land Rover's new vehicle warranty program. Therefore, reimbursement for prenotice remedies are not necessary because all affected vehicles are still under warranty. 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 : Distribution of owner notification letters will occur on or before October 16, 2020. Notifications to retailers will occur on September 10, 2020.

Planned Dealer Notification Date : SEP 10, 2020 - SEP 10, 2020

Planned Owner Notification Date : OCT 16, 2020 - OCT 16, 2020

* NR - Not Reported