

Part 573 Safety Recall Report

20V-585

Manufacturer Name : Jaguar Land Rover North America, LLC**Submission Date :** SEP 24, 2020**NHTSA Recall No. :** 20V-585**Manufacturer Recall No. :** N494**Manufacturer Information :****Population :**

Manufacturer Name : Jaguar Land Rover North America, LLC

Number of potentially involved : 11,950

Address : 100 Jaguar Land Rover Way

Estimated percentage with defect : 100 %

Mahwah NJ 07495

Company phone : 8188500

Vehicle Information :

Vehicle 1 : 2020-2021 LAND ROVER RANGE ROVER SPORT

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : NR

Descriptive Information : On certain 2020 MY and 2021MY Land Rover Range Rover Sport vehicles fitted with 20inch, 21inch and 22inch 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.

Operation of tires at low inflation pressures can contribute to separation of the tire tread. 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 and 2021MY Range Rover Sport Non SVR specification vehicles fitted with either 20inch, 21inch or 22inch wheels and built from June 17, 2019 to September 03, 2020.

Production Dates : JUN 17, 2019 - SEP 03, 2020

VIN Range 1 : Begin : SALWS2RU2LA700003 End : SALWR2SE8MA750968

 Not sequential

VIN Range 2 : Begin : SALWR2SU3LA876192 End : SALWR2SU4LA899996

 Not sequential

VIN Range 3 : Begin : SALWR2SU6MA749065 End : SALWR2SE8MA750968

 Not sequential

Description of Noncompliance :

Description of the Noncompliance : On certain 2020 MY and 2021MY Land Rover Range Rover Sport vehicles fitted with 20inch, 21inch and 22inch 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.

Operation of tires at low inflation pressures can contribute to separation of the tire tread.

FMVSS 1 : 138 - Tire pressure monitoring systems

FMVSS 2 : NR

Description of the Safety Risk : 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 (No Physical Part)

Component Part Number : C50304621

Supplier Identification :**Component Manufacturer**

Name : Jaguar Land Rover Limited

Address : Abbey Road

Whitley, Coventry FOREIGN STATES CV3 4LF

Country : United Kingdom

Chronology :

During a review of wheel and tire pressures in August 2020 engineering identified a concern with the TPMS system. Jaguar Land Rover issued a stop shipment notice on September 03, 2020 to contain the vehicles.

Following the stop shipment notice, a Product Safety and Compliance Committee (PSCC) investigation was opened on September 08, 2020 to investigate Range Rover Sport, non SVR specification vehicles fitted with 20inch, 21inch and 22inch wheels and the tire pressures stored in the instrument cluster which may not correspond with the tire pressures on the tire placard. The PSCC directed engineering to investigate any differences in stated pressures and the effect on the vehicles.

The engineering team reported back to the PSCC on September 15, 2020 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. 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 September 17, 2020 concluded that the vehicles in this condition, although safe in terms of operation 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 pre-notice remedies are not necessary because the 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 November 13, 2020. Notifications to retailers will occur on October 8, 2020.

Planned Dealer Notification Date : OCT 08, 2020 - OCT 08, 2020

Planned Owner Notification Date : NOV 13, 2020 - NOV 13, 2020

* NR - Not Reported