

Part 573 Safety Recall Report**15V-042****Manufacturer Name :** Jaguar Land Rover North America, LLC**Submission Date :** MAR 05,2015**NHTSA Recall No. :** 15V-042**Manufacturer Recall No. :** P052**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 : 29,311

Estimated percentage with defect : 100

Vehicle Information :

Vehicle : 2013-2014 Land Rover Range Rover

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2013-2014 Land Rover Range Rover in selected VIN range.

Production Dates : AUG 16, 2012 - JAN 08, 2014

VIN (Vehicle Identification Number) Range

Begin : SALGA2EEXDA100000

End : SALGA2DF7EA154799

 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 selected VIN range.

Production Dates : MAY 07, 2013 - JAN 08, 2014

VIN (Vehicle Identification Number) Range

Begin : SALWA2EE1EA300003

End : SALWA2EF6EA343373

 Not sequential VINs

Vehicle : 2014-2015 Land Rover Range Rover Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : 2014-2015 Land Rover Range Rover Sport in Select VIN Range.

Production Dates : AUG 18, 2014 - FEB 12, 2015

VIN (Vehicle Identification Number) Range

Begin : SALWG2WF4EA600026

End : SALWR2VF4FA617728

 Not sequential VINs**Description of Defect :**

Description of the Defect : A concern has been identified with the vehicle assembly process where the installation instructions for the Brake Vacuum Hose did not correctly specify its routing.

Jaguar Land Rover's continuous review of field reports and warranty data identified loss of brake vacuum assistance on certain vehicles. Further investigations identified the cause of loss of brake vacuum assistance was as a result of chafing of the vacuum hose, which had come into contact with the Front End Accessory Drive (FEAD) pulley and worn the vacuum hose through.

Incorrect routing of the brake vacuum hose can lead to a chafing condition, eventual rupture of the hose and complete loss of vacuum assistance in the braking system. This condition will result in hard feel to the brake pedal.

Description of the Safety Risk : Vehicle braking distance may be increased, potentially causing a vehicle crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

Supplier Identification :**Component Manufacturer**

Name : TI POLAND Sp. z o.o.

Address : WYSZKOW PLANT

WYSZKOW FOREIGN STATES

Country : NR

Chronology :

On November 17, 2014, Jaguar Land Rover's Critical Concerns Review Group (CCRG) opened an investigation to review this concern after receiving Electronic Product Quality Reports (EPQR) stating that customers were reporting hard pedal feel when braking.

In December 2014 Jaguar Land Rover engineering reported to the CCRG that the Work Element Sheet (WES) used by the production operators on the assembly line to ensure conformity, contained incorrect routing information. It was also identified that the WES contained insufficient information regarding the orientation of the double 'C' clip. The double 'C' clip attaches the brake vacuum hose to a coolant hose.

Further investigations on vehicles in this condition identified that during normal vehicle usage the brake vacuum hose could move towards the FEAD pulley and overtime come into contact with the pulley. If the brake vacuum hose contacts the pulley, a chafe condition could occur and eventually rupture the brake vacuum hose. This will cause the braking system to lose vacuum assistance from the brake booster and a hard brake pedal will be experienced on the next operation of the brake pedal. If the driver is not aware of this condition it could increase the vehicle's stopping distance.

The investigation was reviewed at the CCRG on December 19, 2014 and the CCRG concluded that this issue be progressed to the Jaguar Land Rover Technical Review Group (TRG) for consideration.

The TRG reviewed all information on January 16, 2015 and recommended that this concern be progressed to the JLR Field Review committee (FRC).

The FRC convened on January 16, 2015 and concluded that the concern represented an unreasonable risk to safety and that a voluntarily safety recall be conducted.

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

March 5, 2015 - See attached for added chronology information.

Description of Remedy :

Description of Remedy Program : Owners will be notified and instructed to take their vehicle to a Land Rover dealer who will inspect the condition of the vacuum hose and if no damaged evident, correctly route the vacuum hose. The technician will also set the double 'C' clip in the correct orientation and position. Where damage is noted, the hose will be replaced.

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 March 13, 2015.
Notifications to dealers will occur on January 29, 2015.

Planned Dealer Notification Date : MAR 11, 2015 - MAR 11, 2015

Planned Owner Notification Date : MAR 13, 2015 - MAR 13, 2015

* NR - Not Reported