

Part 573 Safety Recall Report

19V-040

Manufacturer Name : Jaguar Land Rover North America, LLC**Submission Date :** JAN 17, 2019**NHTSA Recall No. :** 19V-040**Manufacturer Recall No. :** N276**Manufacturer Information :****Population :**

Manufacturer Name : Jaguar Land Rover North America, LLC

Number of potentially involved : 2,587

Address : 100 Jaguar Land Rover Way

Estimated percentage with defect : 100 %

MAHWAH NJ 07495

Company phone : 8188500

Vehicle Information :

Vehicle 1 : 2019-2019 Land Rover Range Rover

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

Descriptive Information : A concern has been identified on certain Range Rover, Range Rover Sport, Range Rover Velar and Discovery vehicles fitted with V6 or V8 gasoline engines, where the crankshaft pulley retaining bolt may fracture. A batch of bolts has been manufactured away from specification and therefore has the potential to develop cracks on the surface of the bolt leading to hydrogen embrittlement. These cracks cause the bolt to fracture over time leading to a loss of retention of the crankshaft pulley. Where bolt fracture occurs, the pulley will oscillate for a period but ultimately, the crankshaft nose will break leading to engine failure.

1321 Range Rover Vehicles in the United States and Federalized Territories

1091 Range Rover Sport Vehicles in the United States and Federalized Territories

131 Range Rover Velar Vehicles in the United States and Federalized Territories

44 Discovery Vehicles in the United States and Federalized Territories

Production Dates : OCT 11, 2018 - DEC 18, 2018

VIN Range 1 : Begin : SALGS2SV7KA531120 End : SALGS2RE7KA541393 Not sequential

Vehicle 2 : 2019-2019 Land Rover Range Rover Sport

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

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Production Dates : OCT 10, 2018 - JAN 09, 2019

VIN Range 1 : Begin : SALWV2SVXKA421049 End : SALWR2RVXKA421871 Not sequential

VIN Range 2 : Begin : SALWR2RV1KA829398 End : SALWZ2SE8KA839338 Not sequential

Vehicle 3 : 2019-2019 Land Rover Range Rover Velar

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

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Production Dates : OCT 16, 2018 - DEC 22, 2018

VIN Range 1 : Begin : SALYM2EV3KA200254 End : SALYL2FV0KA207616 Not sequential

VIN Range 2 : Begin : SALYB2EV3KA798495 End : SALYL2EV6KA799721 Not sequential

Vehicle 4 : 2019-2019 Land Rover Discovery

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

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Production Dates : DEC 21, 2018 - JAN 07, 2019

VIN Range 1 : Begin : SALRG2RV6K2400447 **End :** SALRG2RV7K2400585 Not sequential

Description of Defect :

Description of the Defect : A concern has been identified on certain Range Rover, Range Rover Sport, Range Rover Velar and Discovery vehicles fitted with V6 or V8 gasoline engines, where the crankshaft pulley retaining bolt may fracture. A batch of bolts has been manufactured away from specification and therefore has the potential to develop cracks on the surface of the bolt leading to hydrogen embrittlement. These cracks cause the bolt to fracture over time leading to a loss of retention of the crankshaft pulley. Where bolt fracture occurs, the pulley will oscillate for a period but ultimately, the crankshaft nose will break leading to engine failure.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Engine cut out with minimal warning poses an unreasonable risk to safety and may result in a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : Fracture of the crankshaft pulley bolt and associated breakage of the crankshaft nose will lead to the vehicle displaying a number of warning lights, quickly followed by loud noises, engine power loss and the potential for engine failure. Further, the loose pulley could damage under hood components or puncture the hood and become a hazard to pedestrians or other road users.

Vehicles where they have a bolt from the affected batch may cut out while in motion with no ability to be restarted.

Supplier Identification :**Component Manufacturer**

Name : Ford Motor Company
Address : Waterton Road
Bridgend FOREIGN STATES
Country : United Kingdom

Chronology :

Attachment

Description of Remedy :

Description of Remedy Program : Land Rover will notify owners, and authorized repairers will replace the crankshaft pulley center retaining bolt with one that has been manufactured to the correct 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 : Distribution of owner notification letters will occur on or before March 11, 2019. Notifications to dealers will occur on January 31, 2019.

Planned Dealer Notification Date : JAN 31, 2019 - JAN 31, 2019

Planned Owner Notification Date : MAR 11, 2019 - MAR 11, 2019

* NR - Not Reported