

# Part 573 Safety Recall Report

# 19V-039

**Manufacturer Name :** Jaguar Land Rover North America, LLC**Submission Date :** JAN 17, 2019**NHTSA Recall No. :** 19V-039**Manufacturer Recall No. :** H181**Manufacturer Information :****Population :**

Manufacturer Name : Jaguar Land Rover North America, LLC

Number of potentially involved : 443

Address : 100 Jaguar Land Rover Way

Estimated percentage with defect : 100 %

MAHWAH NJ 07495

Company phone : 8188500

**Vehicle Information :**

Vehicle 1 : 2019-2019 Jaguar F-PACE

Vehicle Type : LIGHT VEHICLES

Body Style : SUV

Power Train : GAS

**Descriptive Information :** A concern has been identified on certain 2019MY Jaguar F-PACE, F-TYPE and XJ 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.

251 F-PACE Vehicles in the United States and Federalized Territories

70 F-TYPE Vehicles in the United States and Federalized Territories

122 XJ Vehicles in the United States and Federalized Territories

**Production Dates :** OCT 16, 2018 - DEC 06, 2018VIN Range 1 : Begin : SADCM2FV4KA393986 End : SADCM2FV3KA399844  Not sequentialVIN Range 2 : Begin : SADCM2FV0KA600017 End : SADCM2FV9KA600534  Not sequential

Vehicle 2 : 2019-2019 Jaguar F-TYPE

Vehicle Type : LIGHT VEHICLES

Body Style : 2-DOOR

Power Train : GAS

**Descriptive Information :** A concern has been identified on certain 2019MY Jaguar F-PACE, F-TYPE and XJ 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.

251 F-PACE Vehicles in the United States and Federalized Territories

70 F-TYPE Vehicles in the United States and Federalized Territories

122 XJ Vehicles in the United States and Federalized Territories

Production Dates : OCT 29, 2018 - DEC 13, 2018

VIN Range 1 : Begin : SAJDD5EV0KCK62241 End : SAJD85FV3KCK62723  Not sequential

Vehicle 3 : 2019-2019 Jaguar XJ

Vehicle Type : LIGHT VEHICLES

Body Style : 4-DOOR

Power Train : GAS

Descriptive Information : A concern has been identified on certain 2019MY Jaguar F-PACE, F-TYPE and XJ 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.

251 F-PACE Vehicles in the United States and Federalized Territories

70 F-TYPE Vehicles in the United States and Federalized Territories

122 XJ Vehicles in the United States and Federalized Territories

Production Dates : NOV 19, 2018 - DEC 12, 2018

VIN Range 1 : Begin : SAJWA2G73K8W19686 End : SAJWA1C7XK8W20172  Not sequential

## Description of Defect :

Description of the Defect : A concern has been identified on certain Jaguar F-PACE, F-TYPE and XJ 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 lose 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 : Jaguar 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