

# Part 573 Safety Recall Report

# 16V-789

**Manufacturer Name :** Jaguar Land Rover North America, LLC

**Submission Date :** OCT 27, 2016

**NHTSA Recall No. :** 16V-789

**Manufacturer Recall No. :** J076



## Manufacturer Information :

## Population :

**Manufacturer Name :** Jaguar Land Rover North America, LLC

**Number of potentially involved :** 23

**Address :** 555 MACARTHUR BOLULEVARD

**Estimated percentage with defect :** 100 %

MAHWAH NJ 07430

**Company phone :** 201-760-8534

## Vehicle Information :

**Vehicle 1 :** 2017-2017 JAGUAR F-TYPE SVR

**Vehicle Type :** LIGHT VEHICLES

**Body Style :** 2-DOOR

**Power Train :** GAS

**Descriptive Information :** 2017 MY Jaguar F-TYPE SVR Vehicles in select VIN range

**Production Dates :** FEB 19, 2016 - AUG 15, 2016

**VIN Range 1 : Begin :** SAJWJ6J85HMK34154 **End :** SAJWJ6J80HMK41951  Not sequential

## Description of Defect :

**Description of the Defect :** The fixing used on the F-TYPE SVR specification rear lower control arm knuckle assembly is a plastically deformable bolt which may only receive one torque and angle application. A concern has been identified where the rear lower control arm to rear knuckle joint fixing may have had multiple torque and angle applications during vehicle assembly. Where the tool which controls the applied torque and angle indicates a failure to achieve either correct torque or angle post torque achievement, the fixing should be removed and a new fixing used.

Through manufacturing records, Jaguar Land Rover has identified a small number of vehicles where the first time torque or angle of the fixing was not achieved and the operator applied further torque applications to the original fixing and the fixing was not replaced.

In this condition, the fixing can sufficiently yield and remove the anti-corrosion coating in the thread roots exposing bare metal to the environment. This can result in a premature fatigue failure of the fixing and a possible separation of the joint.

FMVSS 1 : NR

FMVSS 2 : NR

Description of the Safety Risk : Where joint failure is imminent, drivers may report a knocking noise from the rear of the vehicle. Where the fixing has failed, and joint separation occurred, vehicle stability and control will be compromised. The driver and driver assistance systems may not be able to control the vehicle leading to an increased risk of a crash.

Description of the Cause : NR

Identification of Any Warning that can Occur : NR

## Supplier Identification :

### Component Manufacturer

Name : Optimas

Address : Spitfire Park  
Birmingham FOREIGN STATES B24 9PR

Country : United Kingdom

## Chronology :

On the September 13, 2016 Jaguar Land Rover Product Safety and Compliance Committee (PSCC) opened an investigation to review this condition after concerns were raised by the manufacturing plant following a vehicle inspection carried out by the Special Vehicle Operations Team.

Engineering investigations identified through analysis of the DC Tooling facility that on a small number of F-TYPE SVR vehicles, the incorrect procedure was followed when the rear lower control arm to rear knuckle joint fixing failed to achieve first time torque or angle application. The work instruction states that where torque or angle application is not achieved, the original fixing must be removed and replaced with a new fixing.

During September and October 2016 engineering reviewed historic torque and angle application data and identified 52 incidents on 49 F-TYPE SVR vehicles where the fixing had been tightened more than once. On October 18, 2016, the PSCC reviewed all available data and concluded the issue be progressed to the Jaguar Land Rover Senior Review Panel (SRP) for consideration.

The SRP reviewed all information on October 20, 2016 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.

## Description of Remedy :

Description of Remedy Program : Owners will be notified and instructed to take their vehicle to an approved Jaguar dealer who will identify the affected joint in order to remove and replace the rear lower control arm to rear knuckle joint fixing.

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 December 19, 2016. Notifications to dealers will occur on November 1, 2016.

Planned Dealer Notification Date : NOV 01, 2016 - NOV 01, 2016

Planned Owner Notification Date : DEC 19, 2016 - DEC 19, 2016

\* NR - Not Reported