



October 25, 2012

Nancy Lewis
Associate Administrator for Enforcement
National Highway Traffic Safety Administration
Attention: Recall Management Division (NVS-215)
1200 New Jersey Ave, SE
Washington DC 20590

Subject: Jaguar Recall Number J027 – Certain 2010 to 2012 Model Year Jaguar XF vehicles for replacement of the fuel tank fuel outlet flange

Dear Ms. Lewis:

Pursuant to 49 CFR 573, Defect and Noncompliance Responsibility and Reports, Jaguar Land Rover North America, LLC, is submitting information concerning a recall that is being voluntarily initiated.

Summary

- **Action** – Jaguar is conducting a voluntary safety recall involving certain 2010, 11 and 12 Model Year Jaguar XF 5.0L Gasoline engine derivative vehicles built at the Castle Bromwich (UK) Assembly Plant. Most of the affected vehicles were manufactured between April, 2009 to January, 2010; however, a small number of 2010, 11 and 12 Model Year vehicles have had a fuel tank fuel outlet flange fitted as a service replacement part. The supply of these parts to the aftermarket ended October 23, 2012.
- **Number of Vehicles Involved** – 4,152 2010 MY XF 5.0L gasoline engine derivative vehicles in the United States and Federalized Territories.
43 2011-12MY vehicles fitted with in-service replacement parts.
Total number of vehicles involved – 4,195
- **Affect on Vehicle Operation** – A concern has been identified where the fuel tank fuel outlet flange on 5.0L Gasoline engine derivative XF vehicles may crack. If a crack is present in the fuel tank fuel outlet flange, drivers will most likely see an Amber Malfunction Indicator Lamp on the Instrument Cluster (check engine light). The driver may also smell fuel odor and in some circumstances with the vehicle static, there could be liquid fuel underneath the rear of the vehicle, which in the presence of an ignition source could lead to a fire.

- Service Program – Dealers will replace the fuel tank fuel outlet flange with a revised design of the part. There will be no charge to owners for this repair.

Attached is the detailed information required by the applicable portions of 49 CFR Part 573 - Defect and Non-Compliance Information Report.

Please contact me for further information.

Sincerely,

A handwritten signature in black ink, appearing to read "James C. Patterson", with a long, sweeping flourish extending to the right.

James C. Patterson
Automotive Safety Office
Jaguar Land Rover North America, LLC

Attachment

49 CFR Part 573 - DEFECT INFORMATION REPORT
RECALL J027 – CERTAIN 2010 to 2012 MODEL YEAR JAGUAR XF VEHICLES

573.6 (c) (1) - Manufacturer Identification

Manufacturer Corporate Name

Jaguar Cars Ltd
Abbey Road
Whitley
Coventry
England
CV3 4LF

Affiliated U.S. Importing Company

Jaguar Land Rover North America, LLC
555 MacArthur Boulevard
Mahwah
New Jersey 07430

573.6 (c) (2) - Potentially Affected Vehicles

Certain 2010, 2011 and 2012 Model Year Jaguar XF 5.0L Gasoline engine derivative vehicles built at the Castle Bromwich (UK) Assembly Plant. Most of the affected vehicles were manufactured between April, 2009 to January, 2010; however, a small number of 2010, 11 and 12 Model Year vehicles have had a fuel tank fuel outlet flange fitted as a service replacement part. Vehicles within the VIN range SAJWA0GB4ALR36915 to SAJWA0FB6CLS47091 are potentially affected.

573.6(c) (2) (iv) – Part Numbers, Components affected and Components Final Country of Manufacture

Part Number: C2Z10550

Continental Teves Czech Republic, s.r.o.
Prumyslova 2299
250 01 Brandys nad Labem
Czech Republic
+420-493589110
The UK is the final country of manufacture.

573.6 (c) (3) - Estimated Population of Vehicles Potentially Affected

4,195 2010, 2011 and 2012 MY Jaguar XF vehicles in the United States and Federalized Territories.

573.6 (c) (4) - Estimated Percentage of Affected Vehicles with the Condition

100%

573.6 (c) (5) - Description of the Defect

Customers have reported fuel odor, the amber Malfunction Indicator Lamp on the Instrument Cluster illuminating and or liquid fuel on the ground. On investigation, dealer technicians are finding that the fuel tank fuel outlet flange mounted in the fuel tank is cracked. The driver may also experience fuel odor and in some circumstances, with the vehicle static, there could be liquid fuel underneath the rear of the vehicle, which in the presence of an ignition source could lead to a fire.

573.6 (c) (6) - Chronology of Events

Monitoring of warranty claim data during 2012 identified the emergence of a small increase in the number of fuel tank fuel outlet flange failures. On July 09, 2012, Jaguar's Critical Concerns Review Group (CCRG) opened an investigation to review this issue.

During July and August of 2012 Jaguar's Fuel System Engineering department reviewed the 2010 Model year vehicle design verification testing results of the fuel system and confirmed that the fuel system passed the vehicle level testing.

During September, 2012, engineering analysis of the entire fuel system revealed that the fuel system operating pressures of 5.0L gasoline engine XF vehicles may exceed the design specification under certain operating conditions. The CCRG agreed that this increased system pressure could give rise to the fuel tank fuel outlet flange to crack in potential high stress areas.

On September 24, 2012, the investigation was progressed to the Jaguar's Technical Review Group (TRG), where the TRG reviewed the full failure mode and scope of vehicle population. The TRG recommended the issue be progressed to Jaguar's Field Review Committee (FRC).

The Jaguar Field Review Committee (FRC) met on the October 18, 2012, and characterized this concern as a safety defect as it is possible that fuel vapor or liquid fuel may ignite if it comes into contact with an ignition source. The decision was made by the FRC to voluntarily recall all affected vehicles.

Jaguar has received 3 field reports and 17 warranty claims worldwide relating to fuel tank fuel outlet flange cracks of XF vehicles.

Jaguar has not received any reports of accidents, fires or injuries as a result of this concern.

573.6 (c) (8) (i) Manufacturer's Remedy Program and Reimbursement Plan

Owners will be notified and instructed to take their vehicles to a Jaguar authorized repairer to have the fuel tank fuel outlet flange replaced with a component of revised design.

There will be no charge to owners for this repair.

573.6 (c) (8) (ii) Estimated Notification Date to Owners and Dealers

Mailing of owner notification letters will occur on or before December 7, 2012.
Notifications to dealers will occur on October 30, 2012.

573.6 (c) (10) - Notices, Bulletins, and Other Communications Related to the Defect

Jaguar does not plan to make a public statement concerning the subject matter of this action.
A copy of the notification letters to dealers and owners from Jaguar will be forwarded when available.

573.6 (c) (11) - Recall Number

Jaguar has assigned recall number J027 to this recall action.