



Jaguar Land Rover North America, LLC
555 MacArthur Boulevard
Mahwah, NJ 07430
201-818-8295

May 30, 2014.

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 Land Rover Recall Number J036 – Certain 2013 and 2014 Model Year XF (XFR-S) Jaguar vehicles for Rear Brake Pipe Wear

Dear Ms. Lewis:

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

Summary

- Action – Jaguar Land Rover is conducting a safety recall campaign involving certain 2013 and 2014 Model Year XF (XFR-S) Jaguar vehicles built at the Castle Bromwich (UK) Assembly Plant from October 18, 2012 to February 25, 2014.
- Number of Vehicles Involved – 68 Jaguar XF (XFR-S) vehicles in the United States and Federalized Territories within the following VIN range:

XF (XFR-S) SAJWA0KZXDMS78410 to SAJXA0KZ3EMU29271

- Affect on Vehicle Operation – During accelerated durability testing of the Sportbrake XFR-S model (identical in this area to the XFR-S Sedan), routine inspection of the vehicle identified that the right hand rear brake pipe displayed evidence of a dynamic foul condition with the rear brake pipe touching a redundant bracket on the rear sub frame. This foul condition caused a flat to wear on the brake pipe. Engineering assessment of this condition concluded that if the brake pipe remained in this position the brake pipe would wear through and cause sudden loss of brake fluid.

A vehicle exhibiting sudden loss of brake fluid will illuminate a red BRAKE telltale warning on the instrument cluster while displaying the words 'low brake fluid', instructing the driver to seek qualified assistance. Loss of fluid will also result in failure of one of the single diagonal braking circuits, and while braking capability will be retained by the other diagonal braking circuit, pedal feel and travel will be adversely affected and stopping distances will increase.

Loss of one braking circuit could compromise vehicle stability and significantly increase the risk of a crash.

- Service Program – Owners will be notified and instructed to take their vehicles to a Jaguar dealer who will inspect vehicles for signs of wear on the rear brake pipes. If wear is visible, the technician will replace the rear brake pipes and manipulate the redundant bracket on the rear sub frame to increase the clearance to design specification.

Where there are no visible wear marks on the brake pipe, the technician will manipulate the redundant bracket on the rear sub frame to increase the clearance to meet design specification.

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.

For further information, please contact Mr. James Patterson by phone at (201) 818-8425 or by e-mail at jpatters@jaguarlandrover.com.

Sincerely,



for

John Kobylarz
Safety Compliance Manager
Jaguar Land Rover North America, LLC

Attachment

49 CFR Part 573 - DEFECT INFORMATION REPORT RECALL J036 –
2013 and 2014 Model Year 5.0L V8 XF (XFR-S) Jaguar vehicles for Rear Brake Pipe Wear

573.6 (c) (1) - Manufacturer Identification

Manufacturer Corporate Name

Jaguar Land Rover Limited,
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

Jaguar Land Rover is conducting a voluntary safety recall campaign involving certain 2013 and 2014 Model Year XF (XFR-S) Jaguar vehicles built at the Castle Bromwich (UK) Assembly Plant from October 18, 2012 to February 25, 2014.

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

Rear Sub-frame C2Z29961
Brake Pipe C2Z10063

UK is the final country of manufacture.

This concern is not a supplier issue. All affected components are to specification, the foul condition was attributed to Jaguar Land Rover.

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

68 Jaguar XF (XFR-S) vehicles in the United States and Federalized Territories within the VIN range:-

SAJWA0KZXDMS78410 to SAJXA0KZ3EMU29271
October 18, 2012 to February 25, 2014

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

100%

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

A concern has been identified where during accelerated durability testing of the Sportbrake XFR-S vehicle model, (identical in this area to the XFR-S Sedan) the right hand rear brake pipe displayed evidence of a dynamic foul condition. Upon further inspection engineering identified the rear brake pipe was in contact with a redundant bracket on the rear sub frame. This foul condition caused a flat to wear on the brake pipe. Engineering assessment of this condition concluded that if the brake pipe remained in this position the brake pipe would wear through and cause sudden loss of brake fluid.

A vehicle exhibiting sudden loss of brake fluid will illuminate a red BRAKE telltale warning on the instrument cluster while displaying the words 'low brake fluid', instructing the driver to seek qualified assistance. Loss of fluid will also result in failure of one of the single diagonal braking circuits, and while braking capability will be retained by the other diagonal braking circuit, pedal feel and travel will be adversely affected and stopping distances will increase.

Loss of one braking circuit could compromise vehicle stability and significantly increase the risk of a crash.

573.6 (c) (6) - Chronology of Events

Jaguar Land Rover first identified an issue with the right hand rear brake pipe during development testing and on February 25, 2014 raised an engineering investigation. On March 3, 2014, Jaguar Land Rover's Critical Concerns Review Group (CCRG) opened an investigation to review this concern.

Through accelerated durability testing Jaguar Land Rover engineering identified that the rear brake pipes did not meet the design specification for suspension component clearances with regard to a redundant bracket on the sub frame. Furthermore, in certain circumstances the brake pipes could come into contact with the redundant bracket causing a foul condition.

The CCRG investigation confirmed through March 2014 and April 2014 that the rear sub frame on XFR-S sedan and Sportbrake vehicles was a shared component with Jaguar F-Type vehicles. Computer Aided Design (CAD) analysis was completed on the rear sub frame and identified that on Jaguar XFR-S vehicles the design specification was not met, due to the close proximity of the redundant bracket. This bracket is utilised on Jaguar F-Type vehicles as a clipping point for the Electronic Parking Brake, however it is not used on the Jaguar XFR-S sedan and Sportbrake vehicles due to different cable routings.

On April 28, 2014 the Jaguar Land Rover CCRG reviewed the investigation and concluded that this issue be progressed to the Jaguar Land Rover Technical Review Group (TRG) for consideration.

The investigation was reviewed at the Jaguar Land Rover TRG on May 15, 2014 where all engineering information was analysed. The TRG recommended that this concern be progressed to the JLR Field Review Committee (FRC).

The FRC convened on May 22, 2014 and concluded that the concern represented an unreasonable risk to safety and that a safety recall be conducted.

There have been no reports of accidents 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 dealer who will inspect vehicles for signs of wear on the rear brake pipes. If wear is visible, the technician will replace the rear brake pipes and manipulate the redundant brackets on the rear sub frame to increase the clearance to design specification.

Where there are no visible wear marks on the brake pipes the technician will manipulate the redundant brackets on the rear sub frame to increase the clearance to meet design specification.

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 July 29, 2014. Notifications to dealers will occur on June 4, 2014.

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

Jaguar Land Rover 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 Land Rover will be forwarded when available.

573.6 (c) (11) - Recall Number

Jaguar Land Rover has assigned recall number J036 to this recall action.