



NOTIFICATION OF SAFETY RECALL J051 [NHTSA# 15V-091]: FUEL STARVATION  
18-FEB-15 | NO.: 7-097USA | SECTION: RECALL | MARKET: USA

SERVICE  
BULLETIN

***Jaguar Land Rover North America, LLC has informed the National Highway Traffic Safety Administration (NHTSA) of its intent to perform a voluntary Safety Recall on certain 2013 model year Jaguar XF vehicles imported into the United States market. Information relating to the Recall will be posted on the National Highway Traffic Safety Administration website.***

***United States Federal regulations require that retailers must be advised of this Recall notification within three working days after government notification.***

***United States Federal law requires retailers to complete any outstanding safety Recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a retailer could result in a civil penalty of up to \$7,000.00 per vehicle.***

***This Recall Service Bulletin serves as notification to all Jaguar retailers in the United States and Puerto Rico that any affected new vehicles may not be sold and delivered for customer use until the Recall repair is completed.***

#### AFFECTED VEHICLES

A total of 355 vehicles are potentially affected.

The VIN range of affected vehicles is SAJWA0J[REDACTED]-SAJWA0ES[REDACTED]

#### DESCRIPTION OF DEFECT

This defect was originally reported to the National Highway Traffic Safety Administration (NHTSA) on 6 December 2012, and issued with campaign Program Code J028 (NHTSA number 12V-571). That defect remains the same for this campaign which now expands the original list of affected vehicles.

An issue has been identified on a limited number of 2013 model year Jaguar XF (X250) vehicles. The in-tank fuel pump is controlled by the Engine Control Module (ECM) via a Fuel Pump Driver Module (FPDM). The FPDM sources its power supply from an intelligent rear fuse box known as the Body Control Module - Back (BCMB). The BCMB supplies power to the FPDM through a power Field Effect Transistor (FET). Investigation has shown that the in rush current drawn by the FPDM can on occasions reach 185 amps as opposed to a design specification of 30 amps. The FET has a 150 amps in rush current limit and should this limit be reached, the FET will shut off to prevent it from becoming damaged. The FET will reactivate over a number of cycles until the temperature of the FET eventually rises to a level that causes thermal shut down. Shutting down of the FET will cause the FPDM to shut down and the in-tank fuel pump will stop, causing fuel starvation to the engine.

#### EFFECT ON VEHICLE OPERATION

If the vehicle experiences fuel starvation, it will cut out with minimal warning signs. Once the vehicle has cut out, the brake vacuum reservoir will be depleted and the vehicle will lose brake power assistance, however foundation brakes continue to operate. Power Assisted Steering (PAS) will also be lost once the vehicle speed drops below the torque converter speed threshold; however the vehicle steering will remain functional with increased steering effort required. The vehicle may take up to 20 minutes before the engine can be re-started.

Fuel starvation to the engine leads to engine cut out with minimal warning and could potentially cause a crash.

#### SERVICE PROGRAM / REWORK ACTION

Owners will be notified by mail and instructed to take their vehicle to a Jaguar retailer who will inspect the vehicle for presence of the link lead. Where a link lead has been omitted, the retailer will install one to the original repair instructions.

There will be no charge to owners for this action.

#### **OWNER NOTIFICATION**

Owner notification is expected to occur on or before 17 April 2015.

#### **ACTION TO BE TAKEN**

Retailers are required to check DDW to ensure that the vehicle is affected by this Program Code **J051** and to **HOLD** only affected new vehicles that are in your control and withhold them from onward distribution pending completion of the rework action. Previously sold vehicles will be subject to the standard Recall notification and Recall bulletin process detailing the action required for vehicles in the hands of owners

**Retailers are advised that the use of vehicles as Sales Demonstrator or Service Loaner vehicles may be considered a violation of Federal legislation. Jaguar Land Rover North America, LLC recommends against using *affected* vehicles for demonstrator or loaner purposes. Please consult your own legal counsel if you have questions in this regard.**

A Technical Bulletin will be published once repair instructions are finalised and all required parts have been procured.

Thank you for your cooperation in this matter. Jaguar Land Rover North America apologizes for any inconvenience this may cause.