

Jaguar Land Rover J077

573.6 (c) (6) - Chronology of Events

A Jaguar Land Rover Product Safety and Compliance Committee (PSCC) investigation was opened on August 16, 2016 after receiving reports of fuel odor and fuel leaking onto the ground. The investigation identified from Electronic Product Quality Reports (EPQR) that a number of vehicles had experienced fuel leaks.

A design review was undertaken of the fuel delivery lines, their installation and relationship to associated components. It was reported to the PSCC meeting on September 13, 2016, that the required specification clearances were not adhered to through Computer Aided Design (CAD) analysis. It was requested that physical testing be designed to replicate the original Design Verification Testing conducted as part of final engineering sign-off testing. These test results were subsequently reported to the PSCC on October 4, 2016.

During the investigation, it was further identified that the underfloor fuel delivery lines for a subset of the affected vehicle population had also been incorrectly assembled to vehicles. This incorrect assembly caused fuel lines to be inappropriately crossed leading to a knocking noise.

From further investigations, it was also identified that an anti-abrasion sleeve was added to the fuel delivery lines assembly in September, 2013, as part of ongoing quality activities identified through Model Year updates. It was confirmed at the PSCC meeting on September 27, 2016, that no vehicles fitted with the anti-abrasion sleeve have experienced a fuel leak, but vehicles in this condition still have insufficient clearances and may chafe on the body or under shield.

On October 18, 2016, Jaguar Land Rover's PSCC reviewed this concern again and concluded the issue be progressed to the Jaguar Land Rover Senior Review Panel (SRP).

The SRP reviewed all information on October 20, 2016, determined that the fuel delivery line assembly was not to specification and concluded the concern represented an unreasonable risk to safety and that a voluntarily safety recall be conducted.

There have been no reported accidents, injuries or fires as a result of this concern.