

573.6 (c) (6) - Chronology of Events (Recall N946)

Following receipt of field reports concerning loss of or deteriorated rear camera image, a Product Safety and Compliance (PSCC) investigation was opened in late September 2024.

During October 2024, data related to camera part replacements was reviewed, consideration for the different vehicle lines which take the same design of camera hardware and the differences in the installations were reviewed at PSCC. The assessment of the installation differences provided a scope of the investigation that relates to the Range Rover (L460) vehicle line specifically. The component supplier was engaged in the technical reviews with JLR's engineering team to obtain their inputs and assessments of the issue under review.

At the end of October 2024, the PSCC reviewed the investigation and progressed the matter to the JLR Recall Determination Committee (RDC) for review. The RDC reviewed the technical content of the investigation and requested that the matter be further considered at PSCC as the technical explanations relating to the camera system was unclear and the influences of camera failures front and rear vs side to side required more investigation.

During November 2024, the PSCC reviewed the technical function of the camera system to better understand the relationships of front and rear, and left hand to right hand side cameras. This revealed a link that showed front camera and rear camera operation are electronically linked. This linkage informed the understanding of the system to PSCC.

During late November and into December 2024, the PSCC also discussed at length the understanding of the effects being experienced based on field data and engineering assessment. PSCC also received information concerning supplier-based quality data relating to the performance of the Pressure Compensation Element which was reported to be delaminating. This new information and the proportion of parts manufactured by a sub-supplier to the camera supplier revealed that 25% of the population of cameras manufactured during a defined period are at risk of experiencing delamination of the pressure compensation element. The consequences were advised as being risk of moisture ingress into the camera.

The assessment of the impact of this delamination in conjunction with the installed orientation of the rear camera in the Range Rover (L460) vehicles coupled with the knowledge that 25% of parts made in a defined period are at risk of experiencing moisture ingress was reviewed at PSCC on 17 December 2024 where it was decided to take the matter to JLR's RDC.

On 18 December 2024, the RDC determined that the issue represented an unreasonable risk to safety and requested that appropriate notifications be issued.

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

JLR has received 244 claims and field reports in the USA between 03 August 2022 and 09 December 2024 30, 2018 and May 16, 2024.