



U.S. Department
of Transportation

**National
Highway
Traffic Safety
Administration**

OFFICE OF DEFECTS INVESTIGATION

ODI RESUME

Investigation: PE25006

Prompted By: VOQ review

Date Opened: 06/27/2025

Investigator: George Jones

Reviewer: Gregory Magno

Approver: Tanya Topka

Subject: 2014-2017 Land Rover Range Rover Sport (L494) front steering knuckle fractures

MANUFACTURER & PRODUCT INFORMATION

Manufacturer: Jaguar Land Rover North America, LLC

Products: 2014 - 2017 Range Rover Sport

Population: 91,856

Problem Description: Certain 2014 through 2017 Model Year Range Rover Sport (L494) vehicles may develop a crack at the upper clevis of the aluminum front steering knuckle assembly. This may lead to the detachment of the upper control arm from the steering knuckle assembly.

FAILURE REPORT SUMMARY

	ODI	Manufacturer	EWR D&I	Other	Total	EWR Field Reports
All Incidents:	12	0	0	0	12	0
Crashes/Fires:	0	0	0	0	0	0
Injury Incidents:	0	0	0	0	0	0
Fatality Incidents:	0	0	0	0	0	0

ACTION/SUMMARY INFORMATION

Action: Open this Preliminary Evaluation

Summary:

The Office of Defects Investigation (ODI) has received twelve (12) Vehicle Owner Questionnaires (VOQ's) on Model Year (MY) 2014 to MY 2017 Range Rover Sport (L494 chassis) vehicles manufactured by Jaguar Land Rover North America, LLC.

VOQ's report that one or both aluminum front steering knuckles have fractured at the top at the joint where the steering knuckle attaches via a pinch bolt and nut to the upper control arm ball joint. The front steering knuckles are the mounting point for the front wheel and tire, along with the entirety of the front service brake assembly. A loss of structural integrity of the front suspension knuckle may lead to detachment of the upper suspension arm, which under extreme

avoidance maneuvers may compromise the vehicle's controllability and increase the risk of a crash.

ODI is opening this Preliminary Evaluation (PE) to determine the scope, severity, and origin of this condition. To review the ODI reports cited in the Opening Resume ODI Report Identification Number document, go to [NHTSA.gov](https://www.nhtsa.gov).