

Vehicle Safety/Pollution Recall Campaign in Japan

Import Vehicles

Campaign No.	Gai – 2046	Date	June 18, 2014
Manufacturer	Jaguar Land Rover Limited (Japanese Importer : Jaguar Land Rover Japan Limited)		
Description of defect	<p>Engineering reviewed field reports and reported that the failure mode of elongation is typical of over torque resulting in tensile fracture. Laboratory tests of a failed bolt were commissioned which concluded that the failure was as a result of elongation of the bolt due to over torque. The laboratory report also concluded that the bolt material was to specification. The investigation noted that the bolt elongation (plastic deformation) occurred during the automated knuckle assembly process. The over torqued condition did not cause a complete fracture of the fastener. The joint was retained by a reduced cross section of the bolt. Subsequent additional loading in service has resulted in a fracture of the bolt.</p> <p>Investigations at the vehicle assembly plant where this sub-assembly process is completed highlighted that a maintenance activity conducted on the manufacturing cell allowed the Direct Current (DC) tooling controller to be switched off. This resulted in the DC tooling controller not indicating the OK - NOK status of the joint. Data from the DC tooling has revealed that there are a number of vehicles where the rear suspension link fixings may not be to the correct specification.</p>		

Type	Commercial name	Model year recalled	Number of vehicles
CBA-LV2A	「RANGE ROVER EVOQUE」	2014	1
Total			1