

Vehicle Safety/Pollution Recall Campaign in Japan

Import Vehicles

Campaign No.	Gai -2192	Date	June. 10, 2015
Manufacturer	Jaguar Land Rover Limited (Japanese Importer : Jaguar Land Rover Japan Limited)		
Description of defect	<p>A concern has been identified with the software within the Anti-lock Braking System (ABS) which was introduced at 2015 Model Year to support the introduction of a new Integrated Monitoring Unit on Land Rover Discovery 4 vehicles.</p> <p>At each ignition on transaction, ABS software is designed to check the condition of the ABS and associated network to confirm it is free of defects. This is known as a 'Good Check'. On Land Rover Discovery 4 2015 MY vehicles the ABS software, 'Good Check' function has not been correctly installed into the ABS software.</p> <p>Vehicles installed with a front Center Console Cooled Cubby Box can, when the ignition is switched off, generate a back spike Electro Magnetic Flux (EMF) which causes the ABS control unit to remain "live" for longer than the design specification 100ms. During this unexpected "live" period, the ABS system continues to run self-diagnostic routines. Other systems have already shut-down as part of normal ignition-off operations and as a result, the ABS system fails to detect the presence of key components. This causes the ABS system to record a Diagnostic Trouble Code and log this detected fault. At next ignition on, the system, as no 'Good Check' is present, flags a Dynamic Stability Control (DSC) defect.</p> <p>The DSC warning lamp is illuminated in the instrument cluster and the Roll Stability Control (RSC), Traction Control (TC) and Hill Decent Control (HDC) systems are disabled both for the current ignition cycle and because the "Good Check" is missing, the "fault" is perpetuated for subsequent ignition cycles until cleared by a dealer. Furthermore, the air suspension goes into "Safe Mode", lowering to its lowest setting. An Amber warning light illuminates and a message "Suspension Fault" is displayed on the instrument cluster.</p> <p>Electronic Brake-force Distribution (EBD) & ABS remain fully operational and unaffected by this condition.</p> <p>Vehicles with lowered suspension and the stability system disabled will no longer meet the vehicle stability requirements specified in UN-ECE Regulation 13h. The vehicle will not automatically restrict its maximum speed and no speed restriction message will be available to the driver. Vehicles in this condition, where DSC intervention would normally engage, may lose stability and this could increase the risk of a vehicle crash.</p>		

Type	Commercial name	Model year recalled	Number of vehicles
ABA-LA3SB	「Discovery」	2015	95
Total			95