



ABOVE & BEYOND

NOTIFICATION OF SAFETY RECALL P062 (NHTSA# 15V-214):
DYNAMIC STABILITY CONTROL FUNCTIONALITY

SERVICE
BULLETIN

14-APR-15

NO.: SRE15-09

SECTION: RECALL

MARKET: USA

Jaguar Land Rover North America, LLC has informed the National Highway Traffic Safety Administration (NHTSA) of its intent to perform a voluntary Safety Recall involving certain 2015 model year Land Rover LR4 vehicles imported into the United States market. Information relating to the proposed Recall will be posted on the NHTSA website.

United States Federal regulations require that retailers must be advised of this Recall notification within three working days after government notification.

United States Federal law requires retailers to complete any outstanding safety Recall service before a new vehicle is delivered to the buyer or lessee. Violation of this requirement by a retailer could result in a civil penalty of up to \$7,000.00 per vehicle.

This Recall Service Bulletin serves as notification to all Land Rover retailers in the United States that any affected new vehicles may not be sold and delivered for customer use until the Recall repair is completed.

AFFECTED VEHICLES

A total of 2687 vehicles are affected.

The VIN range of affected vehicles is FA736361 – FA761160.

DESCRIPTION OF DEFECT

A concern has been identified with the Anti-lock Brake System (ABS) software on 2015 Model Year LR4 vehicles.

EFFECT ON VEHICLE OPERATION

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 **LR4** 2015 MY vehicles the ABS software, 'Good Check' function has not been correctly installed into the ABS software.

Vehicles installed with a cooled floor console stowage compartment, when the ignition is switched off, generate a back spike Electro Magnetic Flux which causes the ABS control unit to remain 'awake' for longer than the design specification 100ms. During this unexpected 'awake' 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 (DTC) and log this detected fault. At next ignition on, the system, as no 'Good Check' is present, flags a Dynamic Stability Control (DSC) defect.

The DSC warning indicator is illuminated in the instrument cluster and the Yaw Stability Control (YSC), Electronic Traction Control (ETC) 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 retailer.

Furthermore, the air suspension goes into 'Safe Mode', lowering to its lowest setting. An amber warning indicator illuminates and a message 'Suspension Fault' is displayed on the instrument cluster message center. Electronic Brake Force Distribution (EBD) & ABS remain fully operational and unaffected by this condition.

Vehicles in this condition, where DSC intervention would normally engage, may lose stability and this could increase the risk of a vehicle crash.

SERVICE PROGRAM / REWORK ACTION

Once a repair bulletin is published, owners will be notified and instructed to take their vehicle to a Land Rover retailer who will update the vehicle's Anti-lock Brake System Control Module (ABS) software to the latest level.

There will be no charge to owners for this action.

OWNER NOTIFICATION

Mailing of owner notification letters will occur on or before 06 June 2015.

ACTION TO BE TAKEN

Retailers are required to check DDW to ensure that the vehicle is affected by Program Code 'P062' prior and to **HOLD** only affected new vehicles in the above VIN range that are in your control and withhold them from onward distribution pending publication and completion of the rework action.

Sold vehicles will be subject to the standard Recall notification and Recall bulletin process detailing the action required for vehicles in the hands of owners.

Retailers are advised that the use of vehicles within the affected model year / VIN range as Sales Demonstrator or Service Loaner vehicles may be considered a violation of Federal legislation. Jaguar Land Rover North America, LLC recommends against using affected vehicles for demonstrator or loaner purposes. Please consult your own legal counsel if you have questions in this regard.

Thank you for your cooperation in this matter. Jaguar Land Rover North America apologizes for any inconvenience this may cause.