

Reference	SSM68097
Models	Range Rover Evoque / L538
Title	L538 Front wheel bearing tone ring contamination
Category	Chassis
Last modified	07-Dec-2015 00:00:00
Symptom	304000 Suspension System
Attachments	11L538 tone ring contamination.jpg (11L538 tone ring contamination.jpg) 1Remove Debris1.pdf (1Remove Debris1.pdf)

Content**Issue:**

Dealers have reported cases where customers may report an Hill Descent Control or Slip Control System warning light showing on the instrument panel. Subsequently through correct diagnosis, dealers have identified contamination build up evident on the front wheel bearing tone rings . Examples are attached.

Cause:

Root cause of the contamination is still being investigated. However, analysis of returned parts indicates that cleaning the tone rings and sensors can repair the vehicle to an acceptable condition without the need to replace the bearing and knuckle assembly

Action:

In such instances, dealers are requested to remove the wheel speed sensor and drive shaft and clean the area with a suitable, locally-sourced wipe. Inspect to ensure contamination has been removed.

For UK market only, please retain the initial wipe in a sealed plastic bag for possible return to Halewood.

Refit shaft and sensor, tightening to the specifications detailed in TOPIX (a new retaining nut for the shaft will be required). Carry out an extended road test to determine if the fault re-occurs.

Should the fault re-occur, replace bearing and/or knuckle assembly (new shaft retaining nut will be required).

Please submit an EPQR detailing exactly the repair method employed, parts used and result achieved and retain any parts changed in the course of the repair. Warranty claims must include EPQR number if following the above method of repair.



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