

Reference	SSM68097
Models	Discovery Sport / L550 Range Rover Evoque / L538
Title	Range Rover Evoque and Discovery Sport Front wheel bearing contamination
Category	Chassis
Last modified	01-Feb-2017 00:00:00
Symptom	301000 Service Brake System
Attachments	111L538 tone ring contamination.jpg (111L538 tone ring contamination.jpg) 11Remove Debris1.pdf (11Remove Debris1.pdf)

Content

Issue:
Retailers have reported cases where customers may report a Hill Descent Control or Slip Control System warning light showing on the instrument panel. Subsequently, through correct diagnosis, retailers have identified a build up of contaminant evident on the front wheel bearing tone rings. This may then cause an interruption to the signal provided by the Wheel Speed Sensor (WSS). Examples are provided in the attached photographs.

Cause:
Root cause of the contamination is under investigation. However, analysis of parts returned to JLR indicates that cleaning the tone rings and WSS sensors can repair the vehicle to an acceptable condition without the need to replace the bearing and knuckle assembly

Action:
In such instances, retailers are requested to remove the WSS and drive shaft and clean the area with a suitable, locally-sourced wipe. Inspect to ensure contamination has been removed and no visible damage is present on either tone ring or sensor. Re-assembly of the system shall be in accordance with installation procedures detailed in the appropriate section of the Workshop Manual in TOPIX.

Verification that the fault has been rectified may be confirmed by an appropriate road test.
Should the fault re-occur, it may be necessary to replace the wheel bearing and/or knuckle assembly (note, a new shaft retaining nut will be required).

Warranty claims must reference this SSM number if the above method of repair is followed.

Please note that this communication refers to all Range Rover Evoque vehicles and to Discovery Sport vehicles up to VIN reference H667961.
Should the reported concern appear on any Discovery Sport vehicles after this VIN, it is requested that retailers raise an EPQR and detail the repair applied to resolve the issue.

Technicians - Please rate this SSM and provide comments so that future communications can be improved.

1 = Poor – Basic information provided – The SSM does not help me resolve the customer concern.

3 = Average – Adequate information provided – The SSM partially helps me resolve the customer concern.

5 = Excellent – All required information provided to resolve the customer concern.



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