

Reference	SSM72060
Models	Range Rover / L405 Range Rover Sport / L494
Title	ABS Sensor Circuit Diagnostic Trouble Codes
Category	Chassis
Last modified	06-Nov-2014 00:00:00
Symptom	301000 Service Brake System

Attachments

Content	<p>Issue: Diagnostic Trouble Codes (DTCs) stored in the Anti-Lock Braking System (ABS) module relating to an error state with a Wheel Speed Sensor only.</p> <p>Cause: Currently under analysis.</p> <p>Action: Carry a fault code read of the ABS system using Symptom Driven Diagnostics (SDD) and follow the on screen guidance with reference to TOPIX to determine the concern.</p> <p>If the concern identified is related to any of the 4 wheel speed sensors ensure that the following circuits are checked for poor continuity/ high resistance relating to backed out/ loose/ splayed/ bent pins on both sides of the connector, partially fastened connectors or evidence of harness chafe and rectify the circuit as necessary:</p> <ol style="list-style-type: none"> 1. Check integrity of ABS module ground points for security of the terminal and stud and/ or signs of paint contamination. 2. Check integrity of ABS module permanent and ignition supply. 3. Check complete circuit and individual connectors between the ABS module and ABS sensor that has flagged the fault code. <p>Note: If following diagnosis of the electrical circuit it is determined the concern is related to the ABS sensor component and not the circuit supply to the sensor, replace as necessary, record the stored DTC and submit an ePQR as the component may be required for analysis.</p>
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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.