

Reference	SSM37361
Models	LR2 / L359 LR3 / L319 Range Rover / L322 Range Rover Sport / L320
Title	Oxygen Sensor Diagnosis
Category	Driveability
Last modified	28-Feb-2008 00:00:00
Symptom	698298 Malfunction Indicator Lamp
Content	<p>A large number of oxygen sensors that have been replaced in the North American market have been returned to the supplier (DENSO) to investigate for possible defects.</p> <p>Over ninety percent of the sensors that have been returned have had no trouble found.</p> <p>For this reason please do not change oxygen sensors until all other possible reasons for the fault have been investigated. Please refer to GTR for TSB's that have been issued in the past for details of ECM updates that address specific issues of sensitive code flagging that may be associated with oxygen sensor failure:</p> <p>Oxygen Sensor DTC P0133 or P0153</p> <p>LM-303-004 02-May-06 Range Rover (LM) VIN: 6A19480 to 6A227771</p> <p>LS-303-004 02-May-06 Range Rover Sport (LS) VIN: 6A900129 to 6A955013</p> <p>LA-303-004 02-May-06 Land Rover LR3 (LA) VIN: 5A000360 to 6A387097</p> <p>Oxygen Sensor DTC P0137 or P0157</p> <p>LS-303-003 02-May-06 Range Rover Sport (LS) VIN: 6A900129 to 6A955013</p> <p>LA-303-003 02-May-06 Land Rover LR3 (LA) VIN: 5A000360 to 6A387097</p> <p>In addition to the above, if an oxygen sensor does have to be removed, it can only be tested by the supplier if there is no damage to the part. Please ensure that technicians exercise due care and attention to avoid any damage to the body of the sensor on removal. The wiring harness must not be cut and must be returned intact with the sensor, otherwise the claim may be debited.</p>