

Reference	SSM72487
Models	Discovery Sport / L550 LR4 / L319 Range Rover / L405 Range Rover Evoque / L538 Range Rover Sport / L494
Title	Range Rover vehicles TPMS valve performance
Category	Chassis
Last modified	14-Dec-2015 00:00:00
Symptom	306000 Tyres/Wheels
Content	<p><u>Issue:</u></p> <p>A number of instances have been reported where a loss of pressure in tyres has been observed with associated Tyre Pressure Monitoring System (TPMS) warning messages. Customers and retailers have been unable to re-inflate and maintain Service pressures due to leakage from the TPMS valves.</p> <p>Issue may affect:</p> <p>15MY and 16MY Range Rover Evoque, Discovery Sport, Range Rover (all new), Discovery 4/LR4, Range Rover Sport vehicles.</p> <p><u>Cause:</u></p> <p>Retailer technicians have observed TPMS valves where there is evidence of air loss or leakage from the base of the valve stem or through the TPMS valve core .</p> <p><u>Action:</u></p> <p><u>a) Leak identified at base of TPMS valve stem</u></p> <p>Should a technician identify a TPMS valve to be leaking from the base of the stem (via water bath or similar test method), they are requested to perform the following steps:</p> <p>1) tighten nut at the base of the stem to 8Nm +/-1 . Identify and document any rotation observed</p> <p>2) confirm if leak still present via previous test method</p> <p>3) should leak still be present, disassemble the TPMS valve taking care to observe any cuts, damage or debris within the valve stem, seal and nut or on either side of the wheel interface (nut side and seal side)</p>

4) replace TPMS valve stem assembly using service kit LR043162 (use with existing TPMS sensor)

5) report any findings from steps 1) to 5) via an EPQR and include any associated data and photographs.

b) Leak identified at valve core

Should a technician identify a TPMS valve to be leaking through the valve core (via water bath or similar method), they are requested to perform the following steps:

1) check valve core is tightly secured within the valve body

2) if loose, tighten core to valve body and re-test for leakage using previous test method

3) if tightly secured, replace the TPMS valve stem assembly using Service lit LR043162 (use with existing TPMS sensor)

Please retain replaced parts in accordance with Warranty Compliance guidelines as JLR may request to retrieve them for further analysis.