

Reference	SSM74374
Models	Discovery / L462 LR3 / L319 Range Rover / L405 Range Rover Sport / L320 Range Rover Sport / L494 Range Rover Velar / L560
Title	V6 3.0L + V8 5.0L Petrol Right Hand Camshaft Cover Lower Level Repair
Category	Engine
Last modified	10-Apr-2019 00:00:00
Symptom	499000 Basic Engine
Content	<p><u>Issue:</u></p> <p>Air leak from the right hand camshaft cover assembly due to a split diaphragm within the pressure control valve. Any of the following DTCs (indicating an air intake system leak) could be stored in the Powertrain Control Module (PCM) – P2187, P2189, P0505, P0507.</p> <p>Previous level of repair was to replace the complete camshaft cover assembly which contains the pressure control valve.</p> <p><u>Cause:</u></p> <p>Rupture of the camshaft cover pressure control valve rubber diaphragm.</p> <p><u>Action:</u></p> <p>A lower level repair kit containing the rubber diaphragm and pressure control valve cover is now available and should be used as an alternative to replacing the complete camshaft cover assembly.</p> <p>Part number of the kit is LR133579.</p> <p>For repair procedure guidance please refer to TOPIx Workshop Manual Section 303-08 Engine Emission Control – Removal and Installation – Positive Crankcase Ventilation Cap.</p> <p>Service Repair Operation (SRO) – 17.10.29 - Positive Crankcase Ventilation Cap – Renew</p>