

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	<u>Issue:</u> 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. Previous level of repair was to replace the complete camshaft cover assembly which contains the pressure control valve. <u>Cause:</u> Rupture of the camshaft cover pressure control valve rubber diaphragm. <u>Action:</u> 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. Part number of the kit is LR133579. For repair procedure guidance please refer to TOPIx Workshop Manual Section 303-08 Engine Emission Control – Removal and Installation – Positive Crankcase Ventilation Cap. Service Repair Operation (SRO) – 17.10.29 - Positive Crankcase Ventilation Cap – Renew