

Reference	SSM72511
Models	LR2 / L359 Range Rover Evoque / L538
Title	2.2 DW12 Brake Booster contaminated with oil - O-RING CHECK
Category	Chassis
Last modified	16-Nov-2015 00:00:00
Symptom	301000 Service Brake System
Content	<p>NOTE: Always check for correct seating of the Vac Pipe O-Rings prior to attaching Vac Pipe to Vac pump.</p> <p><u>Issue:</u> Evidence of oil contamination found within the brake booster during replacement.</p> <p><u>Cause:</u> Fragments of the Vacuum Pipe O-ring becoming lodged within the Non Return Valve (NRV) of the Vacuum Pump. The fragments can occur if the O-rings are not seated correctly and the misaligned O-ring becomes severed when the Vacuum Pipe is pushed onto the Vacuum Pump elbow. These fragments prevent the NRV from functioning correctly, allowing oil to be transferred into the brake booster.</p> <p><u>Action:</u> Always check for correct seating of the Vacuum Pipe O-rings prior to attaching Vacuum Pipe to Vacuum pump. In all cases whereby the above symptoms are found, the correct level of repair is to replace the Brake Booster, the Vacuum Pipe and the Vacuum Pump.</p>