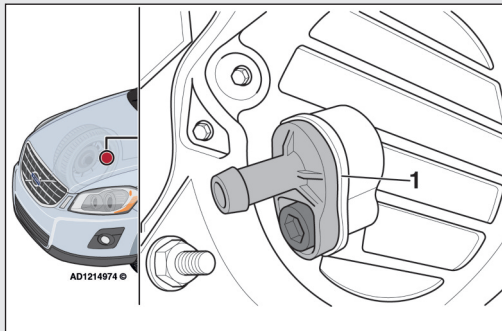


# Volvo XC60: Abnormal noise from engine bay when driving

**Question:** A customer of ours has a 2011 Volvo XC60, and they are complaining of an abnormal noise from the engine bay when driving. We have heard the noise on a road test, but we are having difficulty finding the source of the noise in the workshop. Do you have any ideas what could be causing this noise?

**Answer:** Yes, we have heard of the issue you have described, and it affects Volvo models with 5-cylinder diesel engines. The noise is caused by the exhaust gas recirculation (EGR) valve resonating due to vacuum pressure fluctuations, caused by deterioration of the brake servo vacuum pump non-return valve. Fit a modified brake servo



vacuum pump non-return valve (see figure). Check operation of the exhaust gas recirculation (EGR) vacuum control solenoid and replace if necessary. Carry out a road test to ensure the noise has been eliminated.