Summary: Volvo has determined that due to exposure to certain environmental conditions (hot climates and temperature cycling) and varying fuel quality, the fuel pump flange in the XC90 vehicles can develop cracks. Owners may notice fuel smell and/or fuel seepage. Due to similar material usage, this issue also affects other MY 2001-2005 S60/S80/V70/XC70 and MY 2003/2005 XC90 vehicles. Review of the Volvo data indicate the frequency of complaints/repairs is higher in the hot climate states.

Volvo will recall and replace the fuel pump with a part of a modified design/material in approximately 136,100 MY 2001-2004 S60/V70/XC70, MY 2001-2005 S80 and MY 2003-2005 XC90 vehicles in 19 states. These states include AL, AZ, AR, CA, FL, GA, HI, KY, LA, MS, NV, NM, NC, OK, SC, TN, TX, UT, VA and the US territories. In addition, Volvo will extend the warranty coverage to 10 years/150,000 miles on approximately 190,000 vehicles for the remaining states. This recall/extended warranty program supersedes previous 07V-152/TNN 23-198 program on MY 2001-2002 vehicles.

This investigation is closed (see Recall Campaign 09V-483).