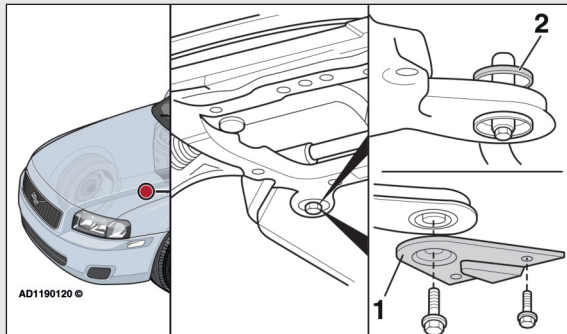


# Volvo S80 - Knocking Noise When Driving Over Uneven Surfaces

**Question:** We have a customer with a 2000 Volvo S80, who has reported a knocking noise from the front of the car when driving over rough roads. We have heard the noise on road test and have checked several components under the vehicle but we cannot find the fault. Have you heard of this fault?

**Answer:** We are aware of a fault affecting Volvo S80 models in the VIN range 1 000580-137346. It is due to the rear of the front subframe making contact with the vehicle floor. Support the engine/subframe. Remove the rear bolts and mounting plates of the front subframe. Lower the rear of the front subframe sufficiently to allow fitment of rubber spacer rings, which are available from



Volvo parts departments. Fit rubber spacer rings between subframe and the vehicle floor (see figure detail 2). Refit rear bolts and mounting plates of front subframe (see figure detail 1). Tighten bolts to a tightening torque of 105 Nm + 120°. Road test the vehicle to confirm that the fault has been rectified.